

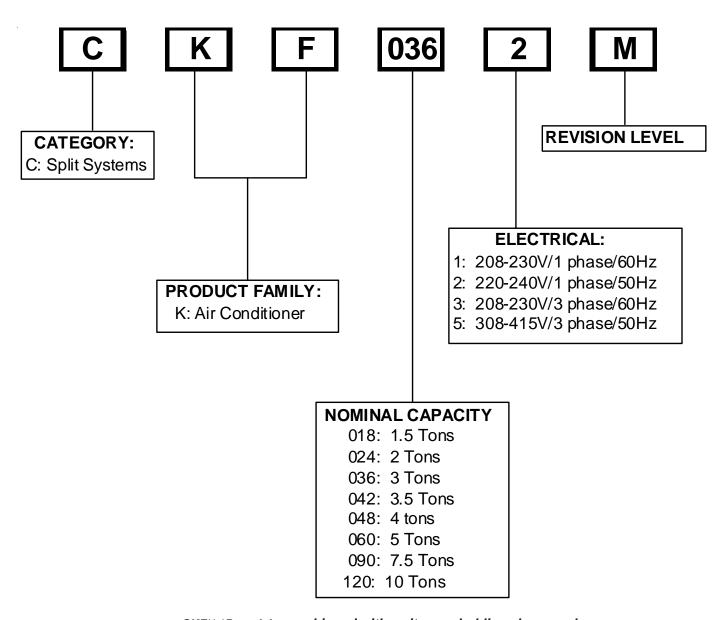
### **CKF 50 Hz Condensing Units**

- Refer to Service Manual RS6100004 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.
- Models listed on page 3.



### PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.



CKF\*\*-\*P models are shipped with a nitrogen holding charge only.



### **HIGH VOLTAGE!**

Disconnect ALL power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury or death.



WARNING Goodman will not be responsible for any injury or property damage arising from improper service or service procedures. If you install or perform service on this unit, you assume responsibility for any personal injury or property damage which may result. Many jurisdictions require a license to install or service heating and air conditioning equipment.

**WARNING** 

Installation and repair of this unit should be performed ONLY by

individuals meeting the requirements, at a minimum, of an "entry level technician" as specified by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI). Attempting to install or repair this unit without such background may result in product damage, personal injury or death.

### PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.

CKF24-2M	CKF24-2P
CKF24-2N	CKF36-2P
CKF36-2M	CKF36-5P
CKF36-2N	CKF48-5P
CKF36-5M	CKF60-5P
CKF36-5N	CKF70-5P
CKF48-5M	
CKF48-5N	
CKF60-5M	
CKF60-5N	
CKF70-5M	
CKF70-5N	

**NOTE:** CKF\*\*-\*P\* units are shipped without refrigerant and are pressurized with a nitrogen holding charge. This charge must be removed and unit evacuated and charged as per the installation instructions.



The United States Environmental Protection Agency ("EPA") has issued various regulations regarding the introduction and disposal of refrigerants introduced into this unit. Failure to follow these regulations may harm the environment and can lead to the imposition of substantial fines. These regulations may vary by jurisdiction. Should questions arise, contact your local EPA office.

**WARNING** 

Do not connect or use any device that is not design certified by Goodman for use with this unit.

Serious property damage, personal injury, reduced unit performance and/or hazardous conditions may result from the use of such non-approved devices. WARNING

To prevent the risk of property damage, personal injury, or death, do not store combustible materials or use gasoline or other flammable liquids or vapors in the vicinity of this appliance.

<sup>\*</sup> Indicates minor revision & is not used for order entry or inventory management

### **PRODUCT DESIGN**

CKF 50 Hz models are available in 2 through 6 ton sizes. They are designed for 220/240 to 380 volt single phase applications.

The condenser air is pulled through the condenser coil by a direct drive propeller fan. This condenser air is then discharged out of the top of the cabinet.

These units are designed for free air discharge, so no additional resistance like duct work shall be attached.

The suction and liquid line connections on present models are of the sweat type for field piping with refrigerant type copper. Back seating valves are factory installed to accept the field run copper. The total refrigerant charge for a normal installation is factory installed in the condensing unit. CKF units are charged for the matching evaporator coil and a 15 foot [5 m] refrigerant line set.

Systems should be properly sized by heat gain and loss calculations made according to methods of the Air Conditioning Contractors Association (ACCA) or equivalent. It is the contractors responsibility to ensure the system has adequate capacity to heat or cool the conditioned space.

CKF condensing units use a mix of Copeland Reciprocating<sup>®</sup> and Copeland Compliant<sup>®</sup> Scroll compressors. There are a number of design characteristics which are different from the scroll compared to the traditional reciprocating compressor.

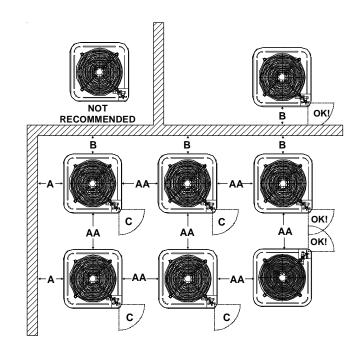
Due to their design Scroll compressors are inherently more tolerant of liquid refrigerant.

**NOTE:** Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.

Copeland Compliant® Scroll compressors use white oil which is compatible with 3GS. 3GS oil may be used if additional oil is required.

The CKF condensers use new generation scroll compressors. These compressors have an internal equalization mechanism and an anti-counter rotation device which allow the scrolls to equalize in approximately ½ second at shut down.

Operating pressures, amp draws and minimum circuit ampacity may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section and should be reviewed prior to installation of the condenser.



Model Type	Α	В	С	AA
Residential	10 [25]	10 [25]	18 [46]	20 [51]
Light Commercial	12 [30]	12 [30]	18 [46]	24 [61]

Me asurements in inches. [ ] Designates metric equivalents .

Special consideration must be given to location of the condensing unit(s) in regard to structures, obstructions, other units, and any/all other factors that may interfere with air circulation. Where possible, the top of the unit should be completely unobstructed; however, if vertical conditions require placement beneath an obstruction there should be a minimum of 60 in. [152 cm] between the top of the unit and the obstruction(s). The specified dimensions meet requirements for air circulation only. Consult all appropriate regulatory codes prior to determining final clearances.

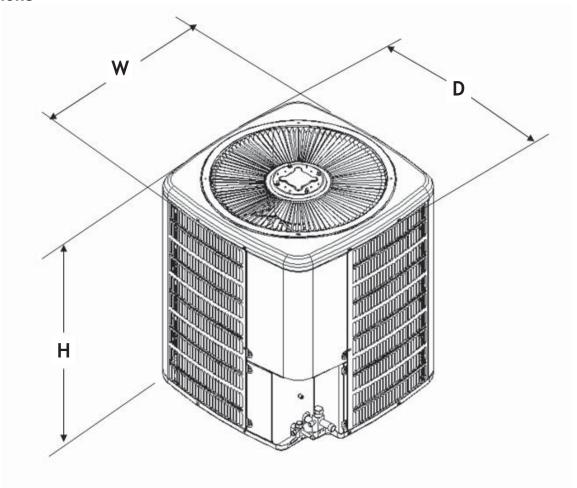
Another important consideration in selecting a location for the unit(s) is the angle to obstructions. Either side adjacent the valves can be placed toward the structure provided the side away from the structure maintains minimum service clearance. Corner installations are strongly discouraged.

### DO **NOT** locate the unit:

- Directly under a vent termination for a gas appliance.
- Within 3 feet [1 m] of a clothes dryer vent.
- Where the refreezing of defrost water would create a hazard.
- Where water may rise into the unit.

### **PRODUCT DESIGN**

### **Dimensions**



Model	Dimensions - W x D x H
CKF24-2*	26" [660] x 26" [660] x 29¾ [756]
CKF36-2*	26" [660] x 26" [660] x 29¾ [756]
CKF36-5*	26" [660] x 26" [660] x 29¾ [756]
CKF48-5*	29" [737] x 29" [737] x 29¾ [756]
CKF60-5*	29" [737] x 29" [737] x 32¼ [819]
CKF70-5*	29" [737] x 29" [737] x 38¼ [972]

<sup>[]</sup> Designates metric e quivalents

### **CONDENSING UNIT SPECIFICATIONS**

	CKF24-2*	CKF36-2*	CKF36-5*	CKF48-5*	CKF60-5*	CKF70-5*
Cooling Capacity, BTUH/kW	24600/7.2	34000/10.0	34000/10.0	44000/12.9	55000/16.1	64000/18.8
Compressor R.L. Amps L.R. Amps High Pressure Switch-Open / Close	12.50 61.0 410/275	17.9 97.4 410/275	5.3 42.0 410/275	7.4 50.0 410/275	9 74.0 410/275	10.9 101.0 410/275
Condenser Fan Motor Horsepower F.L. Amps	1/4 0.9	1/4 0.9	1/4 0.8	1/4 0.8	1/4 0.8	1/3 1.2
Liquid Line, Inches [mm] O.D.* Suction Line, Inches [mm] O.D.* Refrigerant Charge	3/8 [9.6] 3/4 [19.1] 88	3/8 [9.6] 3/4 [19.1] 89	3/8 [9.6] 7/8 [22.3] 89	3/8 [9.6] 7/8 [22.3] 113	3/8 [9.6] 7/8 [22.3] 121	3/8 [9.6] 7/8 [22.3] 153
Power Supply  Minimum Circuit Ampacity <sup>(1)</sup> Maximum Overcurrent Device <sup>(2)</sup>	16.6 25	23.3 40	7.5 15	10 15	12 20	14.8 20
Electrical Conduit Size Power Supply (Inches) (mm) Approximate Shipping Weight (lbs-[kg])	1/2 or 3/4 [13 or 20] 180 [82]	1/2 or 3/4 [13 or 20] 184 [84]	1/2 or 3/4 [13 or 20] 184 [84]	1/2 or 3/4 [13 or 20] 191 [87]	1/2 or 3/4 [13 or 20] 210 [96]	1/2 or 3/4 [13 or 20] 228 [104]

<sup>[]</sup> Designates metric equivalents

NOTE: This data is provided as a guide, it is important to electrically connect the unit and properly size fuses/circuit breakers and wires in accordance with all national and/or local electrical codes. Use copper wire only.

CKF\*\*-\*P\* models are shipped with a nitrogen holding charge only.

<sup>&</sup>lt;sup>1</sup> Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

 $<sup>^{2}\,</sup>$  May use fuses or HACR-type circuit breakers of the same size as noted.

**COOLING OPERATION** 

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DEL: CKF24-2*

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	125°F		29	19.1	0.49	11	2.91	15.0	347	83	18.8	0.47	11	2.90	14.9	345	83	17.9	0.45	11	2.85	14.6	338	81
	12		63	17.4	0.71	14	2.82	14.5	329	92	17.2	0.68	15	2.80	14.4	326	92	16.3	0.65	15	2.75	14.2	320	74
			29	16.8	0.85	16	2.75	14.2	305	72	16.6	0.81	17	2.74	14.1	303	71	15.7	0.78	41	2.69	13.9	297	20
			71	-	-	-	-	-					-			-		-	-	-			-	•
	118°F		29	19.7	0.49	11	2.90	14.8	339	83	19.4	0.47	11	2.88	14.7	336	82	18.4	0.45	12	2.83	14.4	330	80
	11		23	18.0	0.70	14	2.80	14.3	321	92	17.7	0.67	15	2.78	14.2	319	75	16.8	0.64	15	2.73	14.0	312	74
			29	17.3	0.84	16	2.74	14.0	298	71	17.1	080	17	2.72	13.9	596	71	16.2	0.77	18	2.67	13.7	290	69
			71	-	-	-	-	-					-			-		-	-	-			-	
	115°F		29	21.1	0.48	11	2.86	14.3	319	81	20.7	0.46	12	2.84	14.2	317	81	19.7	0.44	12	2.79	13.9	310	26
	11		63	19.2	69.0	15	2.76	13.8	302	74	18.9	99.0	16	2.74	13.7	300	74	18.0	0.63	16	2.70	13.5	294	72
			29	18.5	0.82	17	2.70	13.5	281	20	18.3	0.79	18	2.68	13.4	279	20	17.4	0.75	19	2.64	13.2	273	89
			71	-	- ,	-	-	-	٠	•		-	-			-	•	-	- 1	-			-	•
	105°F		19	8 22.8	8 0.47	12	6 2.76	1 13.5	3 289	62	5 22.4	5 0.45	13	5 2.74	0 13.4	1 287	78	5 21.3	2 0.43	13	0 2.69	8 13.2	5 281	9/ (
			59 63	20.0 20.8	0.81 0.68	18 16	2.60 2.66	12.8 13.1	254 273	68 72	19.8 20.5	0.78 0.65	19 17	59 2.65	.7 13.0	252 271	7 71	18.8 19.5	0.75 0.62	20 17	54 2.60	12.5 12.8	247 266	99
			71 5	- 20	- 0.8	- 1	- 2.6	- 12	- 25	9 -	- 19	- 0.	- 1	- 2.59	- 12.7	- 25	- 67	- 18	- 0.7	- 2	- 2.54	- 12	- 2	9 -
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<b>Outdoor Ambient Temperature</b>	95°F	g Indoor Wet Bulb Temperature	9	3 24.5	4 0.44	12	5 2.64	4 12.8	3 257	75	0 24.1	1 0.43	13	4 2.62	3 12.7	255	74	9 22.9	9 0.41	13	9 2.58	1 12.5	3 250	73
t Temp		Temp	63	5 22.3	7 0.64	16	0 2.55	12.4	3 243	69	2 22.0	4 0.61	17	8 2.54	0 12.3	1 241	. 68	2 20.9	0.59	18	4 2.49	12.1	3 236	29
\mbien		/etBulk	1 59	21.6	0.77	19	2.50	12.1	226	65	21.2	0.74	20	2.48	12.0	224	64	20.2	0.70	20	2.44	11.8	220	63
itdoor /		ndoor V	67 71	25.6	0.42	12 -	2.48 -	12.0	225 -	٦.	25.2	0.40	13 -	2.46 -	- 6.11	224 -	- 11	23.9	- 68.0	- 13	2.42	- 11.7	219 -	- 69
8	85°F	Entering Ir	63 6	23.4 25		16 1	2.40 2.	11.6 12	213 2:	65 71	23.0 25	0.58 0.	17 1	2.38 2.	11.6 11	212 2:	65 7	21.9 23	0.56 0.	17 1	2.34 2.	11.4 11	208 2	64 6
		Ent	29 (	22.5 2:	0.73 0.61	, 61	2.35 2.	11.4 1	198 2	61 6	22.2	0.70 0.	, 70	2.33 2.	11.3 1	197 2	61 (	21.1 2	0.67	, 02	2.29 2.	11.1 1	193 2	9 09
			71 1	- 2:	- 0		- 2.	- 1	- 1	-	- 2	- 0	-	- 2	- 1	- 1	-	- 2	0 -	-	- 2	- 1	- 1	-
			. 29	26.2	.41	12	2.32	11.1	198	69	25.8	0.39	13	2.31	11.1	197	89	24.5	0.38	13	2.27	10.9	193	29
	75°F		63	23.9 2	0.71 0.59 0.41	16	2.25 2	10.8 1	. 881	63	23.6 2	0.57	17	2.24 2	10.7	. 981	62	22.4 2	0.55 (	17	2.20 2	10.6 1	183	61
			29	23.1	0.71	19	2.20	9.01	174	69	22.7	89.0	50	2.19	10.5	173	26	21.6	9.0	50	2.15	10.3	170	28
			71	-	-	-	-	-	-	-			-		-	-	-	-	-	-	-	-	-	-
	9.59		29	5 26.8	7 0.40	12	3 2.15	10.4	177	65	1 26.4	5 0.38	13	7 2.13	10.3	175	65	3 25.1	3 0.36	13	3 2.10	10.1	3 172	63
	)		63	.6 24.5	0.69 0.57 0.40	3 16	3 2.08	10.1	5 167	9 9	.3 24.1	9 0.55	17	2 2.07	8 10.0	4 166	3 59	.1 22.9	3 0.53	17	9 2.03	8.6	1 163	1 58
			29	MBh 23.6	S/T 0.6	П 18	KW 2.03	AMPS 9.8	HI PR 155	LO PR 56	MBh 23.3	7 0.66	П 19	W 2.02	AMPS 9.8	HI PR 154	LOPR 56	3h   22.1	/T 0.63	п 20	KW 1.99	AMPS 9.6	HI PR 151	LOPR 54
			wc	ME	Ś	Д	Ш	AN	Ī	P	ME	S/T	Д	KW 0	AN	Ī	2	MBh	S/T	Д	_	AN	Ī	ГО
			Airflow				816							730							644			
			IDB											2										

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20.5	0.4	9.7	3.0	15.6	365.8	89.5	20.2	0.4	10.2	3.0	15.5	363.2	88.9	19.1	0.4	10.5	3.0	15.3	356.0	87.1	
19.1	0.65	14	2.94	15.1	351	84	18.8	0.62	15	2.92	15.0	348	83	17.8	09.0	15	2.87	14.7	341	82	
17.6	98.0	17	2.84	14.6	332	22	17.3	0.82	18	2.82	14.6	330	9/	16.5	0.79	19	2.78	14.3	323	75	
17.1	96.0	19	2.78	14.3	309	72	16.8	0.92	20	2.76	14.2	306	72	16.0	0.88	20	2.71	14.0	300	20	
21.1	0.4	6.6	3.0	15.4	356.9	6.88	20.8	0.4	10.4	3.0	15.3	354.4	88.3	19.7	0.4	10.7	3.0	15.1	347.3	86.5	
19.6	0.65	14	2.92	14.9	342	83	19.4	0.62	15	2.91	14.8	340	83	18.4	0.59	16	2.85	14.5	333	81	
18.1	0.85	17	2.83	14.4	324	92	17.9	0.82	18	2.81	14.3	322	92	17.0	0.78	19	2.76	14.1	315	74	
17.6	0.95	19	2.76	14.1	301	72	17.4	0.91	20	2.74	14.0	599	71	16.5	0.88	21	2.70	13.8	293	20	
22.6	0.4	10.4	3.0	14.9	336.0	87.5	22.2	9.0	10.9	3.0	14.8	333.7	6.98	21.1	9.0	11.3	5.9	14.6	327.0	85.1	
21.0	0.63	15	2.88	14.4	322	82	20.7	0.61	16	2.86	14.3	320	82	19.7	0.58	16	2.81	14.1	314	80	
19.4	0.84	18	2.79	14.0	305	75	19.1	0.80	19	2.77	13.9	303	75	18.2	0.77	20	2.72	13.6	297	73	m Lfan
18.9	0.94	20	2.72	13.6	284	71	18.6	06'0	21	2.71	13.6	282	20	17.6	98.0	22	2.66	13.3	276	69	A MPS-outdoor unit amps (comp. ±fan)
24.4	0.4	11	2.9	14.1	304.1	84.6	24.0	0.4	12	2.9	14.0	302.0	84.0	22.8	0.4	12	2.8	13.8	296.0	82.3	ac idi.
22.7	0.63	16	2.78	13.6	292	62	22.4	09.0	17	2.76	13.6	290	62	21.3	0.57	17	2.72	13.3	284	77	1000
1 21.0	3 0.83	20	3 2.69	13.2	276	73	1 20.7	9 0.79	21	1 2.67	13.1	274	72	19.6	92.0	21	7 2.63	12.9	269	71	VANC
2 20.4	0.93	21	2.63	3 12.9	3 257	89 /	3 20.1	0.89	22	2.61	12.9	5 255	1 68	19.1	0.85	23	2.57	12.6	1 250	2 67	
26.2	0.4	11	2.8	13.3	270.3	80.	25.8	0.4	12	2.7	13.2	268.5	80.	24.5	0.3	12	2.7	13.0	263.	78.5	
24.4	0.59	16	2.66	12.9	259	92	24.1	0.57	17	2.65	12.8	257	75	22.9	0.54	18	2.60	12.6	252	74	'n
22.6	0.78	20	2.57	12.5	245	69	22.2	0.75	21	2.56	12.4	244	69	21.1	0.72	22	2.52	12.2	239	89	KW-Total system power
21.9	0.87	22	2.52	12.2	1 228	9	21.6	0.84	23	2.50	12.1	7 227	9	20.5	0.80	23	2.46	11.9	) 222	63	tal evet
5 27.4	0.4	11	2.6	12.5	237.4	76.8	27.0	0.3	12	9.7	12.4	235.7	76.3	25.6	0.3	12	2.5	12.2	231.0	74.8	KW-To
3 25.5	99:0 1	16	2.50	12.1	228	72	25.2	0.54	17	0 2.49	12.0	. 226	72	23.9	3 0.52	18	3 2.44	11.8	221	70	profile
3.3.6	3 0.74	20	7 2.42	5 11.7	216	99	3 23.2	9 0.71	21	5 2.40	11.7	214	99	1 22.1	3 0.68	21	2.36	2 11.5	210	64	h Temps
1 22.9	0.83	21	2.37	5 11.5	.7 200	9 62	5 22.6	92.0	23	2.35	11.4	.3 199	4 62	3 21.4	92.0	23	2.31	3 11.2	.1 195	09 6	DB: Entering Indoor Dry Bulb Temperati
1 28.1	5 0.4	11	4 2.4	2 11.6	0 208.7	73.9	8 27.6	2 0.3	, 12	3 2.4	1 11.5	9 207.3	73.4	5 26.3	0 0.3	112	9 2.4	0 11.3	5 203.1	71.9	opd p
.2 26.1	72 0.55	20 16	27 2.34	10.9 11.2	189 200	64 69	23.8 25.8	39 0.52	21 17	25 2.33	10.8 11.1	188 199	69 69	.6 24.5	36 0.50	1 18	22 2.29	10.6 11.0	184 195	62 68	. Enterir
23.5 24.2	0.81 0.72	21 2	2.22 2.27	10.7 10	176 18	9 09	23.1 23	0.78 0.69	23 2	2.21 2.25	10.6 10	175 18	9 69	22.0 22.6	0.74 0.66	23 21	2.17 2.22	10.4 10	171 18	9 89	<u>c</u>
28.7 2	0.3	11	2.2	10.8	186.0	0.07	28.3	0.3	12	2.2	10.7	184.7	69.5	26.9	0.3	12	2.2	10.6	181.0 1	68.1	
26.8	0.53	16	2.17	10.4	178 1	99	26.4	0.51	17	2.15	. 4.01	177 1	92	25.0	0.49	17	2.12	10.2	174 1	64 (	
24.7	0.70	19	2.10	10.1	169	09	24.4	0.67	21	2.08	10.1	168	09	23.1	0.64	21	2.05	6.6	164	26	nditions
24.0	0.78	21	2.05	6.6	157	25	23.7	0.75	22	2.04	6.6	156	99	22.5	0.72	23	2.01	2.6	153	22	T/ A) CO
MBh	Ľ/S	Ы	Š	AMPS	H PR	LOPR	MBh	ĽS	Ь	Ş	AMPS	HPR	LO PR	MBh	ĽS	Ь	Ş	AMPS	HR	LO PR	7 8008
			816							730							644				Shaded area is ACCA (TV/A) conditions
										75											Shadad

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.

**COOLING OPERATION** 

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F24-2* / A24-00-2RA	
MODEL: CKF2	

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			71	20.3	9.0	13.8	3.1	15.8	369.5	90.4	20.0	9.0	14.5	3.1	15.7	366.9	89.8	19.0	9.0	15.0	3.0	15.4	359.6	88.0
	J,		29	19.0	0.81	17	2.97	15.2	354	82	18.7	0.77	18	2.95	15.1	352	84	17.8	0.74	19	2.90	14.9	345	83
	125°F		63	17.8	1.00	20	2.87	14.8	335	78	17.5	0.95	21	2.85	14.7	333	22	16.6	0.91	22	2.80	14.4	326	92
			29	17.4	1.00	20	2.80	14.4	312	73	17.1	1.00	22	2.78	14.3	310	73	16.3	0.97	23	2.74	14.1	303	71
			7.1	20.9	9.0	14.1	3.1	15.6	360.5	8.68	20.6	9.0	14.8	3.0	15.5	358.0	89.2	19.6	0.5	15.3	3.0	15.2	350.8	87.4
	Ť		29	19.6	0.80	18	2.95	15.0	346	84	19.3	0.77	19	2.93	14.9	343	84	18.3	0.73	19	2.88	14.7	336	82
	118°F		53	18.3	66.0	20	2.85	14.6	327	77	18.1	0.94	21	2.83	14.5	325	27	17.2	06.0	22	2.78	14.2	319	75
			29	17.9	1.00	20	2.79	14.2	304	73	17.7	66.0	22	2.77	14.1	302	72	16.8	96.0	23	2.72	13.9	596	71
			71	22.4	9.0	14.8	3.0	15.0	339.4	88.4	22.1	9.0	15.6	3.0	14.9	337.1	7.78	21.0	0.5	16	5.9	14.7	330.3	86.0
	2		29	20.9	0.78	18	2.91	14.5	325	83	20.6	0.75	19	2.89	14.4	323	82	19.6	0.72	20	2.84	14.2	317	81
	115		63	19.6	96.0	21	2.81	14.1	308	92	19.3	0.92	22	2.79	14.0	306	22	18.4	0.88	23	2.74	13.7	300	74
			59	19.2	1.00	22	2.75	13.8	286	71	18.9	0.98	23	2.73	13.7	284	71	18.0	0.94	24	2.68	13.4	279	20
			71	24.2	9.0	16	2.9	14.2	307.2	85.4	23.9	9.0	17	2.9	14.2	305.1	84.8	22.7	0.5	17	2.8	13.9	299.0	83.1
	105		29	22.7	5 0.78	20	2.81	13.8	295	80	3 22.3	1 0.74	21	0 2.79	3 13.7	293	80	3 21.2	7 0.71	22	5 2.74	13.4	287	78
			63	8 21.2	0 0.95	1 23	5 2.71	0 13.3	9 279	73	4 20.9	7 0.91	24	3 2.70	0 13.3	7 277	73	4 19.8	.93 0.87	3 25	9 2.65	7 13.0	2 271	71
			29	.0 20.8	.5 1.00	3 23	.8 2.65	13.0	1.1 259	.5 69	7 20.4	26.0 5.	, 25	.8 2.63	.4 13.0	.2 257	69 6	4 19.4	6.0 5.	, 26	7 2.59	.1 12.7	.8 252	.3 67
			71	4 26.0	0	16	2	13.4	273.	81	25.	0	17	. 2	13.4	271.2	.80	3 24.4	0	17	2 2.7	7 13.1	5 265.8	79.
rature	92	rature	49	24.4	0.73	20	2.69	13.0	262	77	24.0	0.70	21	2.67	12.9	260	92	22.8	0.67	22	2.62	12.7	255	74
<b>Dutdoor Ambient Temperature</b>		b Temperature	63	22.8	06:0	23	2.60	12.6	248	20	22.5	0.86	24	2.58	12.5	246	20	21.3	0.82	25	2.54	12.3	241	89
nbient		B	29	22.3	96.0	24	2.54	12.3	8 230	99 (	3 22.0	0.92	25	2.52	12.2	1 229	9	5 20.9	0.88	26	2.48	12.0	.3 224	64
door Ar		Indoor Wet	. 71	.5 27.2	9 0.5	16	2 2.6	2 12.6	239.	77.6	1 26.8	2.0 7	17	1 2.6	1 12.5	3 238.	77.1	25.	4 0.5	17	6 2.5	9 12.3	233	75.5
Ont	82	_	. 67	25	90.0	20	4 2.52	8 12.2	3 230	. 73	5 25.1	2 0.67	. 21	3 2.51	8 12.1	3 228	72	3 23.8	8 0.64	22	8 2.46	6 11.9	2 224	71
		Entering	63	3 23.8	1 0.85	1 23	9 2.44	6 11.8	2 218	3 67	0 23.5	7 0.82	5 24	7 2.43	5 11.8	1 216	99 7	8 22.3	3 0.78	3 25	3 2.38	3 11.6	7 212	92
			29	.9 23.3	5 0.91	3 24	4 2.39	7 11.6	.8 202	.7 63	.5 23.0	2 0.87	7 25	4 2.37	.6 11.5	1.4 201	.1 62	.1 21.8	5 0.83	, 26	4 2.33	.4 11.3	197	.7 61
			7 71	.1 27.9	38 0.5	0 16	36 2.4	.3 11.7	2 210.8	74.7	.7 27.5	35 0.5	1 17	35 2.4	.2 11.6	1 209.4	74.1	.4 26.1	32 0.5	2 17	31 2.4	.1 11.4	7 205.2	8 72.7
	75		63 67	24.4 26.1	0.83 0.68	23 20	2.29 2.36	11.0 11.3	191 202	64 70	24.0 25.7	0.80 0.65	24 21	2.27 2.35	10.9 11.2	190 201	64 70	22.8 24.4	0.76 0.62	25 22	2.24 2.31	10.7 11.1	186 197	62 68
			29 (	23.9 24	0.89 0.	24 2	2.24 2.	10.7 1	178 1	9 09	23.5 24	0.85 0.	25 2	2.22 2.	10.7 10	177 1	9 09	22.3 22	0.81 0.	26 2	2.19 2.	10.5 10	173 1	9 69
			71	28.5	0.5	16	2.3	10.9	187.9	70.7	28.1	0.5	17	2.2	10.8	186.6	70.2	26.7	0.4	17	2.2	10.6	182.8	8.89
	2		29	26.7	0.65	20	2.18	10.5	, 081	99	26.3	0.63	21	2.17	10.5	179	99	25.0	09.0	21	2.13	10.3	, 921	92
	9		63	25.0	080	23	2.11	10.2	171	61	24.6	0.77	24	2.10	10.2	169	09	23.4	0.74	25	2.07	10.0	166	26
			29	24.4	0.86	24	2.07	3 10.0	159	ح 22	24.1	0.82	22	2.06	3 10.0	157	ح 22	22.9	0.79	56	2.02	8.6	154	ع 56
			^	MBh	S/T	Ь	Ş	AMPS	Ξ	LO PR	MBh	S/T	Ь	ΚŅ	AMPS	HPR	LO PR	MBh	S/T	Ь	Š	AMPS	HР	LOPR
			Airflow	816																	644			
			IDB*											8										
			_	_																				

MBh 24.9 25.3 26.5 28.3	S/T 0.90 0.87 0.78 0.6 0.93 0.90 0	DT 25 25 23 20 25 25	816 KW 2.09 2.13 2.20 2.3 2.26 2.31	AMPS 10.1 10.3 10.6 11.0 10.8 11.1	HIPR 160 172 182 189.8 180 193	LOPR 58 61 67 71.4 61 65	MBh 24.5 25.0 26.1 27.9 23.9 24.4	S/T 0.86 0.83 0.75 0.6 0.89 0.86	DT 27 26 25 21 27 26	730 KW 2.07 2.12 2.19 2.3 2.24 2.29	AMPS 10.0 10.3 10.6 10.9 10.8 11.0	HIPR 159 171 181 188.4 178 192	LOPR 57 61 67 70.9 61 64	MBh 23.3 23.7 24.8 26.5 22.7 23.2	S/T 0.82 0.80 0.72 0.6 0.85 0.82	DT 27 27 25 22 28 27	644 KW 2.04 2.08 2.15 2.2 2.20 2.25	AMPS 9.9 10.1 10.4 10.7 10.6 10.8	HIPR 156 168 177 184.7 175 1	LO PR 56 60 65 69.5 59
24.9 25.3 26.5	0.90 0.87 0.78 0.6 0.93 0.90	. 25 25 23 20 25	2.09 2.13 2.20 2.3 2.26 2.31	10.1 10.3 10.6 11.0 10.8	160 172 182 189.8 180	58 61 67 71.4 61	24.5 25.0 26.1 27.9 23.9	0.86 0.83 0.75 0.6 0.89	27 26 25 21 27	2.07 2.12 2.19 2.3 2.24	10.0 10.3 10.6 10.9 10.8	159 171 181 188.4 178	57 61 67 70.9 61	23.3 23.7 24.8 26.5 22.7	0.82 0.80 0.72 0.6 0.85	27 27 25 22 28	2.04 2.08 2.15 2.2 2.20	9.9 10.1 10.4 10.7 10.6	156 168 177 184.7 175	5'69 59 09 95
25.3 26.5	0.93 0.90 0.90 0.90	25 23 20 25	2.13 2.20 2.3 2.26 2.31	10.3 10.6 11.0 10.8	172 182 189.8 180	61 67 71.4 61	25.0 26.1 27.9 23.9	0.83 0.75 0.6 0.89	26 25 21 27	2.12 2.19 2.3 2.24	10.3 10.6 10.9 10.8	171 181 188.4 178	61 67 70.9 61	23.7 24.8 26.5 22.7	0.80 0.72 0.6 0.85	27 25 22 28	2.08 2.15 2.2 2.20	10.1 10.4 10.7 10.6	168 177 184.7 175	9.69 99 09
26.5	0.78 0.6 0.93 0.90	23 20 25	2.20 2.3 2.26 2.31	10.6 11.0 10.8	182 189.8 180	67 71.4 61	26.1 27.9 23.9	0.75 0.6 0.89	25 21 27	2.19 2.3 2.24	10.6 10.9 10.8	181 188.4 178	67 70.9 61	24.8 26.5 22.7	0.72 0.6 0.85	25 22 28	2.15 2.2 2.20	10.4 10.7 10.6	177 184.7 175	9:69 9:2
	0.6 0.93 0.90	20 25	2.3 2.26 2.31	11.0 10.8	189.8 180	71.4 61	27.9 23.9	0.6 0.89	21 27	2.3 2.24	10.9 10.8	188.4 178	70.9 61	26.5 22.7	0.6 0.85	22 28	2.2 2.20	10.7 10.6	184.7 175	69.5
က	0.93 0.90	22	2.26 2.31	10.8	180	61	23.9	0.89	27	2.24	10.8	178	61	22.7	0.85	28	2.20	10.6	175	_
24.3	06.0		2.31			92					3 11.0								ı	
3 24.8	0													l 🔼	١	l.	2	ω	188	63
25.9	0.81	24	2.38	11.4	204	71	25.6	0.78	25	2.37	11.0 11.3	203	20	24.3	0.74	56	2.33	11.1	199	69
27.7	0.7	21	2.5	11.8	212.9	75.4	27.3	9.0	22	2.5	11.7	211.4	74.9	25.9	9.0	22	2.4	11.5	207.2	73.4
23.7	0.95	56	2.41	11.7	204	63	23.4	0.91	27	2.39	11.6	203	63	22.2	0.88	28	2.35	11.4	199	62
24.2	0.92	22	2.46	11.9	220	29	23.8	0.88	56	2.45	11.9	218	29	22.6	0.84	27	2.40	11.7	214	99
25.3	0.83	24	2.54	12.3	232	74	25.0	0.80	25	2.53	12.2	231	73	23.7	92'0	56	2.49	12.0	226	72
27.0	2.0	21	2.6	12.7	242.2	78.4	26.6	9.0	22	2.6	12.7	240.5	77.8	25.3	9.0	22	2.6	12.4	235.7	292
22.7	1.00	97	2.56	12.4	233	29	22.4	96.0	27	2.55	12.3	231	99	21.2	0.92	87	2.50	12.1	226	<b>9</b>
23.1	0.97	22	2.62	12.7	250	71	22.8	0.93	27	2.60	12.6	249	20	21.7	0.89	27	2.56	12.4	244	69
24.2	0.87	24	2.71	13.1	264	77	23.9	0.84	25	5.69	13.0	263	77	22.7	08'0	56	2.65	12.8	257	22
25.9	0.7	21	2.8	13.5	275.8	82.3	25.5	0.7	22	2.8	13.5	273.9	81.7	24.2	0.7	22	2.7	13.2	268.4	80.1
21.1	1.00	24	2.67	13.2	262	20	20.8	1.00	56	2.66	13.1	260	69	19.8	0.98	28	2.61	12.9	255	89
21.5	1.00	24	2.74	13.5	282	74	21.2	0.98	56	2.72	13.4	280	74	20.1	0.94	27	2.67	13.1	274	72
22.5	0.93	24	2.83	13.9	297	81	22.2	0.89	25	2.81	13.8	295	80	21.1	0.85	56	2.76	13.5	290	62
24.0	8.0	20	5.9	14.4	310.3	86.3	23.7	0.7	21	5.9	14.3	308.1	85.7	22.5	2.0	22	5.9	14.0	302.0	84.0
19.5	1.00	22	2.77	13.9	289	72	19.2	1.00 (	24	2.75	13.8	287	72	18.3	) 66'0	56	2.71	13.6	281	20
19.9 2	1.00 0	22	2.84 2	14.2 1	311	22	19.6 2	0 66.0	25	2.82 2	14.1	309	92	18.6 1	0.95 0	25	2.77 2	13.9 1	303	22
20.8	0.94	, 72	2.93	14.6	329 3	84 8	20.5	06'0	23 2	2.92	, 9.41	326 3	83 8	19.5	98.0	24 2	2.86	14.3	320 3	82 8
22.2	8.0	19.0	3.0	15.2	342.8	89.2	21.9	0.7	20.1	3.0	15.1	340.4	9.88	20.8	2.0	20.7	3.0	14.8	333.6	8.98
18.3	1.00	21	2.81	14.4	307	73	18.0	1.00	23	2.79	14.3	305	73	17.1	1.00	24	2.74	14.0	299	71
18.6	1.00	21	2.88	14.7	331	78	18.3	1.00	23	2.86	14.6	328	27	17.4	26.0	24	2.81	14.3	322	92
19.5	96.0	21	2.98	15.2	349	85	19.2	0.92	22	2.96	15.1	347	85	18.2	0.88	23	2.90	14.8	340	83
20.8	8.0	18.2	3.1	15.7	364.1	2.06	20.5	0.7	19.1	3.1	15.6	361.5	0.06	19.5	0.7	19.7	3.0	15.3	354.3	88.2
17.7	1.00	20	2.83	14.6	315	74	17.4	1.00	22	2.81	14.5	313	73	16.6	1.00	24	2.76	14.2	306	72
18.1	1.00	20	2.89	14.9	338	62	17.8	1.00	22	2.87	14.8	336	78	16.9	96.0	24	2.82	14.6	330	9/
18.9	96.0	21	2.99	15.4	358 373.2	86 91.3	18.6	0.92	22	2.97	15.3	355 370.6	85 90.7	17.7	0.88	22	2.92	15.0	348 363.	83 88.8

Shaded area is AHRI Rating Conditions IDB: Entering Indoor Dry Bulb High and low pressures are measured at the liquid and suction service valves.

**COOLING OPERATION** 

MODEL: CKF36-2\* / A36-00-2

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			71	٠		١.		١.	٠	-	١	١.		١.									-	١.
	125°F		29	26.3	0.51	10	3.89	23.0	361	81	25.9	0.49	11	3.86	22.9	358	80	24.6	0.47	11	3.79	22.5	351	62
	12		63	24.0	0.73	13	3.75	22.3	341	74	23.6	0.70	14	3.73	22.2	339	74	22.4	0.67	14	3.66	21.8	332	72
			59	23.1	0.88	15	3.66	21.8	317	20	22.8	0.84	16	3.64	21.6	315	69	21.6	08'0	16	3.58	21.2	309	89
			71				-			-							-		-	-		-		
	3∘F		67	27.1	0.50	10	3.86	22.7	352	80	26.7	0.48	11	3.84	22.6	349	80	25.3	0.46	11	3.77	22.1	342	78
	118°F		53	24.7	0.73	13	3.73	22.0	333	74	24.3	0.70	14	3.71	21.8	331	73	23.1	29.0	15	3.64	21.4	324	72
			59	23.8	0.87	15	3.64	21.5	310	69	23.5	0.83	16	3.62	21.3	307	69	22.3	0.80	17	3.55	20.9	301	29
			71				-			-									-	-			-	
	115°F		29	28.9	0.49	11	3.81	21.9	331	62	28.5	0.47	11	3.78	21.8	329	62	27.1	0.45	12	3.72	21.4	322	22
	11		63	26.4	0.71	14	3.68	21.2	314	73	26.0	99.0	15	3.65	21.1	311	72	24.7	9.0	15	3.59	20.7	305	71
			29	25.5	0.85	16	3.59	20.7	291	89	25.1	0.82	17	3.57	20.6	289	89	23.9	0.78	18	3.50	20.2	284	99
			71				-			-									-					
	105°F		29	31.3	0.49	11	3.67	20.7	300	27	30.8	0.47	12	3.65	20.6	298	92	29.3	0.45	12	3.58	20.2	292	74
	10		63	28.6	0.70	15	3.54	20.0	284	20	28.2	29.0	16	3.52	19.9	282	20	26.7	0.65	16	3.46	19.6	276	89
			29	27.6	0.84	17	3.46	19.6	264	99	27.2	0.81	18	3.44	19.4	797	92	25.8	0.77	19	3.38	19.1	257	64
			71							-														١.
ıre	F	ıre	67	33.7	0.46	12	3.51	19.5	566	73	33.2	0.44	12	3.49	19.3	265	73	31.5	0.42	13	3.42	19.0	259	71
Outdoor Ambient Temperature	95°F	<b>Bulb Temperature</b>	63	30.7	99.0	15	3.39	18.9	252	29	30.3	0.64	16	3.37	18.7	251	99	28.8	0.61	17	3.31	18.4	246	92
ient Te		3ulb Tei	29	29.6	0.80	18	3.31	18.4	234	63	29.2	92'0	19	3.29	18.3	233	62	27.7	0.73	19	3.23	18.0	228	61
or Amb		r Wet E	71				-		-	-					-		-		-	-	-	-	-	
Outdo	J.	g Indoor Wet	29	35.2	0.44	12	3.29	18.2	234	20	34.7	0.42	12	3.27	18.1	232	69	32.9	0.40	13	3.21	17.8	228	89
	82.	Enterin	63	32.1	0.63	15	3.18	17.7	222	64	31.6	09.0	16	3.16	17.6	220	63	30.1	0.58	16	3.10	17.2	216	62
			29	31.0	92.0	18	3.10	17.3	506	09	30.5	0.72	18	3.08	17.1	204	29	29.0	69.0	19	3.03	16.8	200	28
			71	٠				٠				٠				ŀ	٠	٠	٠			٠	٠	ŀ
	75°F		29	36.0	0.43	11	3.07	16.8	206	29	35.5	0.41	12	3.05	16.7	204	99	33.7	0.39	12	3.00	16.4	200	9
	7		63	32.9	0.62	15	2.97	16.3	195	19	32.4	0.59	16	2.95	16.2	193	19	30.8	0.57	16	2.90	15.9	190	09
			29	31.7	0.74	17	2.90	15.9	181	28	31.2	0.71	18	2.88	15.8	180	25	29.7	0.68	19	2.83	15.5	176	99
			71	٠	٠	٠		·	٠			٠			•	ŀ	٠	٠			٠	٠		ŀ
	65°F		67	36.9	9 0.41	11	3 2.83	15.6	183	63	1 36.3	0.39	12	2 2.81	15.5	182	63	5 34.5	5 0.38	12	7 2.76	3 15.2	178	62
			63	33.6	0.59	15	2.73	15.1	174	28	33.1	0.57	16	2.72	15.0	172	28	. 31.5	0.55	16	2.67	14.8	169	26
			29	32.5	0.71	17	2.67	S 14.8	٦ 161	R 55	32.0	99'0	18	2.66	S 14.7	160	R 54	30.4	9.0	19	2.61	S 14.4	157	R 53
			^	MBh	S/T	Ы	KW	AMPS	Ξ	LO PR	MBh	S/T	Ы	Š	AMPS	Ξ	LO PR	MBh	S/T	DT	Κ	AMPS	Η	LO PR
			Airflow	1229																971				
			BOI											20										

Mail   310   410   68   345   324   345																				L	,	1
365         362         37         384         362         37         384         362         37         384         362         37         384         382         37         384         37         382         382         382         37         382         382         37         382         382         37         382         382         382         37         382         382         37         382         382         37         382         382         382         382         382         382         382         382         382 <t< td=""><td>28.1</td><td>0.4</td><td>9.1</td><td>4.1</td><td>24.1</td><td>379.8</td><td>87.1</td><td>27.7</td><td>0.4</td><td>9.6</td><td>4.0</td><td>24.0</td><td>377.2</td><td>86.5</td><td>26.3</td><td>0.4</td><td>6.6</td><td>4.0</td><td>23.5</td><td>369.7</td><td>84.8</td><td></td></t<>	28.1	0.4	9.1	4.1	24.1	379.8	87.1	27.7	0.4	9.6	4.0	24.0	377.2	86.5	26.3	0.4	6.6	4.0	23.5	369.7	84.8	
56. 83.5         36.5         36.6         37.7         36.6         36.7         37.8         36.6         37.7         36.6         37.7         38.8         36.7         38.8         36.7         38.8         36.7         38.8         36.7         38.8         36.7         38.8         36.7         38.8         36.7         38.8         37.7         38.8         37.8         38.8         37.8         38.8         38.8         38.8         38.8         38.8         38.8         38.8         38.8         38.8         38.8         38.8         38.8         38.8         38.8         38.8	26.2	0.67	13	3.92	23.3	364	82	25.8	0.65	14	3.90	23.1	362	81	24.5	0.62	14	3.83	22.7	354	80	
36         36<	24.2	0.89	16	3.79	22.5	345	75	23.9	0.85	17	3.76	22.4	342	74	22.7	0.82	18	3.70	22.0	336	73	
36.6         39.5         32.3         38.6         31.6         32.4         38.1         31.7         30.1         31.0         31.2         33.5         38.6         31.6         32.4         31.0         31.0         31.0         31.0         31.0         32.4         31.0         31.0         31.0         31.0         32.0         31.0 <th< td=""><td>23.5</td><td>1.00</td><td>18</td><td>3.70</td><td>22.0</td><td>320</td><td>20</td><td>23.2</td><td>0.95</td><td>18</td><td>3.67</td><td>21.8</td><td>318</td><td>20</td><td>22.0</td><td>0.91</td><td>19</td><td>3.61</td><td>21.4</td><td>312</td><td>69</td><td></td></th<>	23.5	1.00	18	3.70	22.0	320	20	23.2	0.95	18	3.67	21.8	318	20	22.0	0.91	19	3.61	21.4	312	69	
36.6         39.5         32.3         35.5         38.6         31.2         33.6         38.6         31.6         32.4         35.7         31.0         31.0         31.2         33.5         35.9         38.6         31.5         32.4         32.4         35.1         31.0         31.0         31.0         31.2         33.6         32.7         32.9         31.0         31.0         32.4         32.4         32.4         32.4         32.4         32.6         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.2         32.4         32.4         32.4         32.4         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0         32.0 <th< td=""><td>29.0</td><td>0.4</td><td>9.3</td><td>4.0</td><td>23.8</td><td>370.6</td><td>86.5</td><td>28.6</td><td>0.4</td><td>8.6</td><td>4.0</td><td>23.6</td><td>368.0</td><td>85.9</td><td>27.1</td><td>0.4</td><td>10.1</td><td>3.9</td><td>23.2</td><td>360.6</td><td>84.2</td><td></td></th<>	29.0	0.4	9.3	4.0	23.8	370.6	86.5	28.6	0.4	8.6	4.0	23.6	368.0	85.9	27.1	0.4	10.1	3.9	23.2	360.6	84.2	
368         395         323         35.9         38.6         31.5         32.4         35.1         37.7         30.1         31.0         33.6         38.6         38.2         32.9         38.6         31.2         35.4         38.7         30.1         31.0         38.6         31.2         33.4         31.0         31.0         38.6         37.0         38.9         37.0         38.0         30.0         31.0         32.0         33.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32.0         31.0         32	27.0	0.67	14	3.90	22.9	322	81	26.6	0.64	14	3.87	22.8	353	81	25.3	0.61	15	3.80	22.4	346	62	
3.6         3.7         3.8         3.6         3.7         3.8         3.6         3.7         3.8         3.6         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         3.7         3.8         4         0         0         0         0         0         0         0         0<	25.0	0.88	16	3.76	22.2	336	74	24.6	0.85	17	3.74	22.0	334	74	23.4	0.81	18	3.67	21.6	327	72	
368         39.5         32.3         33.2         35.9         38.6         31.5         32.4         35.1         37.7         30.1         31.0         33.6         36.1         36.0         36.9         36.1         36.0	24.2	66.0	18	3.68	21.7	313	02	23.9	96.0	19	3.65	21.5	310	69	22.7	0.91	19	3.59	21.1	304	89	
368         39.5         32.3         33.2         38.6         31.5         32.4         35.1         37.7         30.1         31.0         33.6         36.1         36.0         38.6         31.2         33.5         35.9         36.7         36.0         36.0         36.1         36.0         37.0         38.0	31.0	0.4	8.6	4.0	22.9	349.0	85.2	30.6	0.4	10.3	4.0	22.8	346.5	84.6	29.0	0.4	10.6	3.9	22.4	339.6	82.9	
368         39.5         32.3         33.2         38.6         31.5         32.4         35.1         37.7         30.1         31.0         33.6         36.9         36.0         36.1         37.7         30.1         31.0         33.6         31.6         32.4         35.1         37.7         30.1         31.0         33.6         31.6         31.6         32.4         35.4         34.2         35.4         30.9         30.0         31.0         32.8         33.2         34.4         34.2         35.4         37.7         30.4         30.6         30.0         31.0         32.8         33.4         34.2         35.4         37.4         34.2         35.4         34.2         35.4         33.4         34.2         35.4         33.4         34.2         35.4         37.9         34.9         34.2         35.4         37.9         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         35.2         34.2         35.4         35.7         34.8         35.2	28.9	99.0	14	3.84	22.1	335	80	28.5	0.63	15	3.82	22.0	332	62	27.0	09.0	15	3.75	21.6	326	78	-
368         39.5         32.3         33.2         38.6         31.5         32.4         35.1         37.7         30.1         31.0         33.6         36.9         36.0         36.1         37.7         30.1         31.0         33.6         31.6         32.4         35.1         37.7         30.1         31.0         33.6         31.6         31.6         32.4         35.4         34.2         35.4         30.9         30.0         31.0         32.8         33.2         34.4         34.2         35.4         37.7         30.4         30.6         30.0         31.0         32.8         33.4         34.2         35.4         37.4         34.2         35.4         34.2         35.4         33.4         34.2         35.4         33.4         34.2         35.4         37.9         34.9         34.2         35.4         37.9         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         35.2         34.2         35.4         35.7         34.8         35.2	26.7	0.87	17	3.71		317	73		0.83	18	3.69		315	73	25.0	0.79	19	3.62	20.9	308	71	mp.+fan
368         39.5         32.3         33.2         38.6         31.5         32.4         35.1         37.7         30.1         31.0         33.6         36.9         36.0         36.1         37.7         30.1         31.0         33.6         31.6         32.4         35.1         37.7         30.1         31.0         33.6         31.6         31.6         32.4         35.4         34.2         35.4         30.9         30.0         31.0         32.8         33.2         34.4         34.2         35.4         37.7         30.4         30.6         30.0         31.0         32.8         33.4         34.2         35.4         37.4         34.2         35.4         34.2         35.4         33.4         34.2         35.4         33.4         34.2         35.4         37.9         34.9         34.2         35.4         37.9         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         35.2         34.2         35.4         35.7         34.8         35.2	_	_	-	3.62	-	_		_	_	20	-	-			_	-	20	3.54	⊢			oo) saw
368         39.5         32.3         33.2         38.6         31.5         32.4         35.1         37.7         30.1         31.0         33.6         36.9         36.0         36.1         37.7         30.1         31.0         33.6         31.6         32.4         35.1         37.7         30.1         31.0         33.6         31.6         31.6         32.4         35.4         34.2         35.4         30.9         30.0         31.0         32.8         33.2         34.4         34.2         35.4         37.7         30.4         30.6         30.0         31.0         32.8         33.4         34.2         35.4         37.4         34.2         35.4         34.2         35.4         33.4         34.2         35.4         33.4         34.2         35.4         37.9         34.9         34.2         35.4         37.9         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         35.2         34.2         35.4         35.7         34.8         35.2			10				82.3						313.6				11	3.7	ı			r unita
368         39.5         32.3         33.2         38.6         31.5         32.4         35.1         37.7         30.1         31.0         33.6         36.9         36.0         36.1         37.7         30.1         31.0         33.6         31.6         32.4         35.1         37.7         30.1         31.0         33.6         31.6         31.6         32.4         35.4         34.2         35.4         30.9         30.0         31.0         32.8         33.2         34.4         34.2         35.4         37.7         30.4         30.6         30.0         31.0         32.8         33.4         34.2         35.4         37.4         34.2         35.4         34.2         35.4         33.4         34.2         35.4         33.4         34.2         35.4         37.9         34.9         34.2         35.4         37.9         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         35.2         34.2         35.4         35.7         34.8         35.2				ı		303	77			16				77			16		ı		75	ontdoo
368         39.5         32.3         33.2         38.6         31.5         32.4         35.1         37.7         30.1         31.0         33.6         36.9         36.0         36.1         37.7         30.1         31.0         33.6         31.6         32.4         35.1         37.7         30.1         31.0         33.6         31.6         31.6         32.4         35.4         34.2         35.4         30.9         30.0         31.0         32.8         33.2         34.4         34.2         35.4         37.7         30.4         30.6         30.0         31.0         32.8         33.4         34.2         35.4         37.4         34.2         35.4         34.2         35.4         33.4         34.2         35.4         33.4         34.2         35.4         37.9         34.9         34.2         35.4         37.9         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         34.2         35.4         35.4         35.2         34.2         35.4         35.7         34.8         35.2			19	ı			71			20				20			20				69	A MPS=
368         395         32.3         33.2         36.9         316         32.4         35.1         37.7         30.1         31.0         33.6           0.55         0.4         0.84         0.75         0.54         0.86         0.77         0.61         0.61         0.61           0.55         0.4         0.84         0.75         0.54         0.86         0.77         0.59         0.81         0.61         0.61           2.85         3.0         2.93         3.00         3.10         3.2         3.13         3.20         3.32         3.4         3.42         3.42         3.54           1.67         1.6.1         1.6.4         1.70         1.76         1.74         1.78         1.84         19.1         186         19.0         19.6           1.85         1.6.1         1.6.4         1.70         1.76         1.74         1.78         1.84         19.1         186         19.0         19.6           1.85         1.6.1         1.6.4         1.70         1.74         1.78         1.84         19.1         18.6         19.0         19.6           1.86         1.93         1.95         2.0         2.24         2.8	28.0	96'0	20	3.49	19.7	$\vdash$	29	27.6	0.92	21	3.47	19.6	_	99	26.2	0.88	22	3.41	19.3	-	92	
368         395         32.3         33.2         35.9         386         31.5         32.4         35.1         37.7         30.1         31.0           0.55         0.4         0.84         0.75         0.54         0.4         0.86         0.7         0.38         0.9         0.81           2.85         3.0         3.0         3.1         3.2         3.13         3.20         3.3         3.4         3.42         3.4	36.1	0.4	11	3.7	20.4	280.7	78.6	35.5	0.4	11	3.6	20.2	278.8	78.0	33.7	0.4	12	3.6	19.9	273.2	76.5	
36 395         32.3         35.9         38.6         31.5         32.4         35.1           0.55         0.4         0.84         0.75         0.5         0.4         0.86         0.77         0.5           2.85         0.0         0.2         0.3         0.0         3.0	33.6	0.61	15	3.54	19.6	569	74	33.1	0.59	16	3.52	19.5	267	73	31.4	0.56	17	3.45	19.2	262	72	
36 395         32.3         35.9         38.6         31.5         32.4         35.1           0.55         0.4         0.84         0.75         0.5         0.4         0.86         0.77         0.5           2.85         0.0         0.2         0.3         0.0         3.0	31.0	0.81	19	3.42	19.0	255	89	30.6	0.77	20	3.40	18.9	253	29	29.1	0.74	20	3.34	18.6	248	99	n bow er
36 395         32.3         35.9         38.6         31.5         32.4         35.1           0.55         0.4         0.84         0.75         0.5         0.4         0.86         0.77         0.5           2.85         0.0         0.2         0.3         0.0         3.0	30.1	06'0	50	3.34	18.6	237	64	29.7	28'0	21	3.32	18.5	235	63	28.2	68.0	72	3.26	18.1	231	62	Svster
36 395         32.3         35.9         38.6         31.5         32.4         35.1           0.55         0.4         0.84         0.75         0.5         0.4         0.86         0.77         0.5           2.85         0.0         0.2         0.3         0.0         3.0	37.7	9.0	11	3.4	19.1	246.5	74.8	37.1	0.4	11	3.4	19.0	244.8	74.3	35.3	0.3	11	3.4	18.6	239.9	72.8	<w=tota< td=""></w=tota<>
368 395 32.3 0.55 0.4 0.84 0.84 0.85 0.4 0.84 0.85 3.0 2.93 15.7 16.3 16.1 185 193.2 183 64 681 58 0.52 0.3 0.80 16 11 21 2.84 2.9 2.91 15.8 191.8 182 64 67.6 58 34.4 37.0 30.2 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 17 0.80 0.50 0.3 0.77 18 0.80 18	35.1	0.58	15	3.32	18.4	236	20		0.56	16	3.30	18.3	235	20		0.53	17	3.24	18.0	230	89	ē
368 395 32.3 0.55 0.4 0.84 0.84 0.85 0.4 0.84 0.85 3.0 2.93 15.7 16.3 16.1 185 193.2 183 64 681 58 0.52 0.3 0.80 16 11 21 2.84 2.9 2.91 15.8 191.8 182 64 67.6 58 34.4 37.0 30.2 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 17 0.80 0.50 0.3 0.77 18 0.80 18	32.4	0.77	19	3.20	17.8	224	64	32.0	0.74	20	3.18	17.7	222	64	30.4	0.71	20	3.13	17.4	218	63	o Temo
368 395 32.3 0.55 0.4 0.84 0.84 0.85 0.4 0.84 0.85 3.0 2.93 15.7 16.3 16.1 185 193.2 183 64 681 58 0.52 0.3 0.80 16 11 21 2.84 2.9 2.91 15.8 191.8 182 64 67.6 58 34.4 37.0 30.2 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 17 0.80 0.50 0.3 0.77 18 0.80 18	31.5	98'0	20	3.13	17.4	208	09	31.0	0.82	21	3.11	17.3	207	09	29.5	62'0	22	3.06	17.0	202		Jrv Bull
368 395 32.3 0.55 0.4 0.84 0.84 0.85 0.4 0.84 0.85 3.0 2.93 15.7 16.3 16.1 185 193.2 183 64 681 58 0.52 0.3 0.80 16 11 21 2.84 2.9 2.91 15.8 191.8 182 64 67.6 58 34.4 37.0 30.2 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 17 0.80 0.50 0.3 0.77 18 0.80 18	38.6	0.4	11	3.2	17.6	216.7	72.0	38.0	0.3	11	3.2	17.5	215.2	71.5	36.1	0.3	11	3.1	17.2	210.9	70.0	Indoor
368 395 32.3 0.55 0.4 0.84 0.84 0.85 0.4 0.84 0.85 3.0 2.93 15.7 16.3 16.1 185 193.2 183 64 681 58 0.52 0.3 0.80 16 11 21 2.84 2.9 2.91 15.8 191.8 182 64 67.6 58 34.4 37.0 30.2 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 16 11 22 0.50 0.3 0.77 17 0.80 0.50 0.3 0.77 18 0.80 18	35.9	0.57	15	3.10	17.0	208	89	35.4	0.54	16	3.08	16.9	206	29	33.6	0.52	17	3.03	16.6	202	99	terina
36.8 39.5 30.6 10.5 0.4 10.5 10.5 10.4 10.5 10.5 10.4 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5	33.2	0.75	19	3.00	16.4	197	62	32.7	0.72	20	2.98	16.3	195	19	31.1	69.0	20	2.92	16.0	192	09	IDB: F
36.8 39.5 30.6 50.4 10.5 50.4 10.5 10.5 10.4 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5	32.3	0.84	20	2.93	16.1	183	28	31.8	08'0	21	2.91	16.0		28	30.2	0.77	22	2.86	15.7		22	
MBh 33.0 34.0 36.8  MBh 33.0 34.0 36.8  TO 081 0.75 0.55  TO 10 18 0.75 0.55  AMPS 14.9 15.2 15.7  HRR 163 175 185  HRR 163 175 185  TOTR 55 59 64  MBh 32.5 36.9 0.52  ST 0.78 0.69 0.52  DT 21 19 16  HR 162 174 184  LO RR 55 88 64  MBh 30.9 31.8 34.4  ST 0.74 0.66 0.50  DT 22 20 16  MBh 30.9 31.8 34.4  ST 0.74 0.66 0.50  DT 22 20 16  HR 152 174 184  MBH 163 171 180  HR 153 171 180  LO RR 163 171 180	39.5	0.4	10	3.0	16.3	193.2	68.1	38.9	0.3	11	2.9	16.2	191.8	67.6	37.0	0.3	11	2.9		188.0	66.3	
MBh 33.0 34.0 ST 0.81 0.72 DT 20 18 MWE 2.70 2.76 AMPS 14.9 15.2 H RR 163 175 LORR 55 59 DT 21 19 T100 KW 2.68 2.74 H RR 162 174 H RR 163 169 ST 0.74 0.66 DT 22 20 971 KW 2.68 2.70 H RR 159 171 H RR 165 171 L CH RR 165 171 H RR 165 171 L CH RR 165 171	36.8	0.55	15	2.85	15.7	185	64	36.2	0.52	16		15.6	184	64	34.4	0.50	16	2.79	15.4		62	,,
MBh 33.0  1229 KW 2.70  AMPS 14.9  H RR 163  LO RR 55  NM 2.68  AMPS 14.8  H RR 162  LO RR 55  NM 32.68  AMPS 14.8  H RR 163  NM 32.68  AMPS 14.8  H RR 163  H RR 163  H RR 163  ST 0.74  AMPS 14.5  H RR 163	34.0	0.72	18	2.76		175	29			19	2.74		174	28		99.0	20		14.9	171	22	nditions
MBh	33.0	0.81	20	2.70	_	_		32.5	0.78	21	2.68	_	_		30.9	0.74	22	2.63	_	_		VA) co
1100	MBh	S/T	DT	Š	AMPS	Ξ	LO PR	MBh	S/T	Ы	Š	AMPS	Ξ E	LO PR	MBh	S/T	DT	Κ	AMPS	Ξ E	50 PR	ACCA (T
				1229							1100							971				area is /
75											75											haded

Shaded area is ACAA (1VA) conditions.
High and low pressures are measured at the liquid and suction service valves.

### **COOLING PERFORMANCE DATA**

## **EXPANDED PERFORMANCE DATA**

COOLING OPERATION

MODEL: CKF36-2\* / A36-00-2

24.2 381.0 26.1 0.6 23.5 23.3 365 82 24.5 3.86 22.9 358 0.80 26.1 25.7 22.6 346 22.2 339 22.0 321 71 29 22.2 324 28.4 23.8 23.4 86.8 0.6 26.9 14.5 22.6 349 23.0 25.2 356 22.2 338 23 340 29 23.0 85.4 14.7 25.2 29 295 297 69 304 105 63 0.94 290 288 19.8 19.9 269 9. 20.6 283.6 79.4 20.4 281.6 78.8 20.1 276.0 35.3 0.5 16 3.7 33.5 0.73 20 3.55 19.7 270 74 19.3 265 Entering Indoor Wet Bulb Temperature 0.89 23 256 68 29.3 257 68 18.7 251 238 64 239 28.7 237 226 65 17.9 224 65 209 208 204 199 197 186 64 63 176 29 165 163 AMPS LO PR H PR Š Š MBh Ş IDB\* Airflow 1100 1229 971 8

																				(	ر
27.7	8.0	16.8	4.1	24.6	387.5	88.9	27.3	8.0	17.7	4.1	24.4	384.8	88.3	26.0	0.7	18.3	4.0	24.0	377.1	86.5	
26.0	1.00	19	4.00	23.7	372	83	25.6	96.0	20	3.97	23.5	369	83	24.3	0.92	21	3.90	23.1	362	81	
24.8	1.00	19	3.86	22.9	352	92	24.5	1.00	20	3.83	22.8	349	92	23.2	1.00	22	3.76	22.4	342	74	
24.3	1.00	18	3.77	22.4	327	72	24.0	1.00	20	3.74	22.2	325	71	22.8	1.00	22	3.67	21.8	318	20	
28.6	8.0	17.2	4.1	24.2	378.1	88.3	28.2	8.0	18.1	4.1	24.1	375.4	7.78	26.8	0.7	18.7	4.0	23.6	367.9	85.9	
26.8	66.0	20	3.97	23.3	362	83	26.4	0.95	21	3.95	23.2	360	82	25.1	0.91	22	3.87	22.8	353	81	
25.6	1.00	19	3.83	22.6	343	92	25.2	1.00	21	3.81	22.4	341	75	23.9	1.00	23	3.74	22.0	334	74	
25.1	1.00	19	3.74	22.1	319	71	24.7	1.00	21	3.72	21.9	317	71	23.5	1.00	22	3.65	21.5	310	69	
30.6	8.0	18.0	4.1	23.4	356.0	86.9	30.1	0.8	19.0	4.0	23.2	353.5	86.3	28.6	0.7	19.6	4.0	22.8	346.5	84.6	
28.7	0.97	21	3.91	22.5	341	82	28.2	0.93	22	3.89	22.4	338	81	26.8	0.89	23	3.82	22.0	332	62	l
27.4	1.00	20	3.78	21.8	323	75	27.0	1.00	23	3.75	21.7	321	74	25.6	0.99	24	3.69	21.3	315	73	ineit amos) some tigni
26.8	1.00	20	3.69	21.3	300	20	26.5	1.00	22	3.67	21.1	298	20	25.1	1.00	24	3.60	20.8	267	89	us) suu
33.1	0.8	19	3.9	22.1	322.2	84.0	32.6	0.7	20	3.9	21.9	320.0	83.4	30.9	0.7	21	3.8	21.5	313.6	81.8	init ar
31.0	96.0	22	3.77	21.3	309	79	30.5	0.92	23	3.75	21.1	307	78	29.0	0.88	24	3.68	20.8	301	22	A MPS-outdoor
29.6	1.00	22	3.64	20.6	293	72	29.2	1.00	24	3.62	20.5	291	72	27.7	0.98	56	3.55	20.1	285	20	MPS
29.0	1.00	22	3.56	20.1	272	89	28.6	1.00	54	3.53	20.0	270	29	27.2	1.00	56	3.47	19.6	265	99	۷
35.6	0.7	20	3.7	20.7	286.4	80.2	35.0	0.7	21	3.7	20.6	284.4	9.62	33.3	0.7	21	3.6	20.2	278.7	78.0	
33.3	0.91	23	3.60	20.0	275	75	32.8	0.87	24	3.58	19.9	273	75	31.2	0.83	22	3.52	19.5	267	73	
31.8	1.00	24	3.48	19.4	260	69	31.4	96.0	25	3.46	19.2	258	89	29.8	0.92	56	3.40	18.9	253	29	KW=Total system now er
31.2	1.00	23	3.40	18.9	242	92	30.8	1.00	56	3.38	18.8	240	64	29.5	0.95	56	3.32	18.5	232	63	Syster
37.2	2.0	19	3.5	19.4	251.5	76.3	36.6	0.7	20	3.5	19.3	249.7	75.8	34.8	9.0	21	3.4	19.0	244.7	74.3	KW=Tota
34.8	98.0	22	3.38	18.7	241	72	34.3	0.82	24	3.36	18.6	239	71	32.6	0.79	24	3.30	18.3	235	20	a
33.3	0.95	24	3.26	18.1	228	99	32.8	0.91	25	3.24	18.0	227	9	31.1	0.87	26	3.18	17.7	222	64	IDB: Entering Indoor Dry Bulb Temperatur
32.6	0.99	24	3.19	17.7	212	62	32.1	0.95	22	3.17	17.6	211	61	30.5	0.91	56	3.11	17.3	506	09	Pr' Bil
38.0	0.7	19	3.3	17.9	221.1	73.4	37.5	0.7	20	3.2	17.8	219.6	72.9	35.6	9.0	21	3.2	17.5	215.2	71.5	Indoor
35.7	0.84	22	3.16	17.3	212	69	35.1	0.80	24	3.14	17.2	211	89	33.4	0.77	24	3.08	16.9	206	29	fering
34.0	0.93	24	3.05	16.7	201	63	33.5	0.89	52	3.03	16.6	199	63	31.9	0.85	56	2.98	16.3	195	19	ä
33.4	96.0	24	2.98	16.3	187	29	32.9	0.92	25	2.96	16.2	185	29	31.3	0.88	56	2.91	16.0	182	28	
38.9	0.7	19	3.0	16.6	197.1	69.5	38.4	9.0	20	3.0	16.5	195.7	69.0	36.4	9.0	21	2.9	16.2	191.8	9'.29	
36.5	0.81	22	2.90	16.0	189	65	36.0	0.78	23	2.89	15.9	188	9	34.2	0.74	24	2.84	15.6	184	64	
34.8	06'0	23	2.81	15.5	179	09	34.3	0.86	22	2.79	15.4	178	29	32.6	0.82	22	2.74	15.1	174	28	nditions
34.2	0.93	24	2.74	15.2	166	26	33.7	0.89	22	2.73	15.1	165	26	32.0	0.85	56	2.68	14.8	162	22	ing Co
MBh	S/T	DT	ΚM	AMPS	Ξ	LO PR	MBh	ĽS	ᆸ	Ş	AMPS	Ξ	LO PR	MBh	L/S	ᆸ	Š	AMPS	Η	LO PR	A HRI Ra
			1229							1100							971				area is
										82											Shaded area is A HRI Bating Conditions
																					•

Shaded area is AHRI Rating Conditions High and low pressures are measured at the liquid and suction service valves.

### **CKF36-5\***

### **COOLING PERFORMANCE DATA**

### **EXPANDED PERFORMANCE DATA**

**COOLING OPERATION** 

MODEL: CKF36-5\* / AR36-00-2

	ш		ì	30.4	92'0	17	3.06	6.7	207		29.9 3		18 16	3.04 3.12		205 221	60 64	28.4 29.5	0.70 0.59	19 16	2.99 3.06	6.6 6.7	201 21	59 63
Outdoor Am	85°F	Entering Indoor Wet	59 63 67 71	4 31.5 34.5 -	0.64 0.44 -	15 11 -	3.13 3.24 -	6.9 7.1 -	222 235 -	65 71 -	31.0 34.0 -	1 0.42 -	- 12	3.22 -	- 0.7	233 -	- 02	32.3	0.41	12 -	3.17 -	- 6.9	6 229 -	- 69 8
Outdoor Ambient Temperature	95°F	ing Indoor Wet Bulb Temperature	29 63 64	29.6 30.7 33.7	0.79 0.66 0.46	17 15 11	3.36 3.44 3.56	7.1 7.3 7.5	235 253 267	64 68 74	29.2 30.3 33.2	0.76 0.63 0.44	18 16 12	3.34 3.42 3.54	7.1 7.2 7.4	234 252 266	64 68 74	27.7 28.8 31.5	0.72 0.60 0.42	19 16 12	3.28 3.36 3.47	7.0 7.1 7.3	229 246 260	62 66 72
	105°F		71 59 63 67 71	- 28.2 29.2 32.0 -	- 0.82 0.68 0.47 -	- 17 15 11 -	- 3.63 3.71 3.85 -	- 7.5 7.7 -	- 265 285 301 -	- 67 71 78 -	- 27.7 28.8 31.5 -	- 0.78 0.65 0.45 -	- 18 16 12 -	- 3.61 3.69 3.82 -	- 7.5 7.6 7.8 -	- 263 283 299 -	- 67 71 77 -	- 26.4 27.3 29.9 -	- 0.75 0.63 0.43 -	- 19 16 12 -	- 3.54 3.63 3.75 -	- 7.3 7.5 7.7 -	- 258 277 293 -	- 65 69 76 -
	115°F		59 63 67 71	26.1 27.0 29.6 - 2	0.83 0.69 0.48 - 0	16 14 11 -	3.88 3.97 4.11 - 4	7.9 8.1 8.3 -	293 315 332 - 3	69 74 81 -	25.7 26.6 29.2 - 2	0.79 0.66 0.46 - 0	- 11 15 11 -	3.85 3.94 4.08 - 4	7.8 8.0 8.2 -	291 313 330 - 3	- 08 23 80	24.4 25.3 27.7 - 2	0.76 0.63 0.44 - 0	18 15 12 -	3.78 3.87 4.01 - 4	7.7 7.9 8.1 -	285 306 324 - 3	67 72 78 -
	118°F		59 53 67 71	25.4 26.3 28.8 -	0.87 0.72 0.50 -	16 14 11 -	4.25 4.35 4.51 -	7.8 8.0 8.2 -	321 346 365 -	74 79 86 -	25.0 25.9 28.4 -	0.83 0.69 0.48 -	- 11 15 11	4.22 4.33 4.48 -	7.8 7.9 8.2 -	319 343 363 -	74 78 86 -	23.7 24.6 27.0 -	0.79 0.66 0.46 -	18 15 12 -	4.15 4.25 4.40 -	7.6 7.8 8.0 -	313 337 355 -	72 77 84 -
	125°F		59 63 67 71	25.1 26.0 28.5 -	0.88 0.74 0.51 -	17 14 11 -	4.41 4.52 4.68 -	7.8 7.9 8.2 -	334 359 379 -	76 81 89 -	24.7 25.6 28.0 -	0.85 0.71 0.49 -	17 15 11 -	4.38 4.49 4.65 -	- 1.8 8.1	331 357 377 -	76 81 88 -	23.5 24.3 26.6 -	0.81 0.68 0.47 -	18 16 12 -	4.30 4.41 4.57 -	7.6 7.8 8.0 -	325 349 369 -	- 86 -

Shaded area is ACCA (10 A) conditions High and low pressures are measured at the liquid and suction service valves.

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CKF36-5* / /
MODEL:

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Z				71	30.3	9.0	14.2	4.9	9.8	403.6	6.3	29.8	9.0	15.0	4.9	8.5	400.8	95.7	28.3	9.0	15.5	4.8	8.4	392.8	93.7
\ \ ATI		Į.		67	28.3	0.84	18	4.77	8.3	387	06	27.9	0.81	19	4.74	8.3	384	06	26.5	0.77	19	4.65	8.1	377	88
OPE		125°F		63	26.5	1.00	20	4.60	8.1	366	83	26.1	66.0	22	4.57	8.0	364	82	24.8	0.95	22	4.49	6.7	357	81
COOLING OPERATION				29	25.9	1.00	19	4.49	6.7	341	78	25.6	1.00	21	4.47	6.7	338	22	24.3	1.01	23	4.38	7.7	331	92
00 00 00 00				71	30.6	9.0	14.1	4.8	9.8	388.6	93.7	30.2	9.0	14.9	4.7	9.8	385.9	93.0	28.7	9.0	15.3	4.6	8.4	378.2	91.2
Ū		L		29	28.7	0.82	18	4.59	8.3	373	88	28.2	62.0	19	4.57	8.3	370	87	26.8	92'0	19	4.48	8.2	363	98
		118°F		23	26.8	66.0	20	4.44	8.1	353	81	26.4	26.0	21	4.41	8.1	320	80	25.1	0.93	22	4.33	6.7	343	78
				29	26.3	1.00	20	4.33	6.7	328	92	25.9	1.00	22	4.30	6.7	326	75	24.6	66.0	23	4.22	7.8	319	74
				1.1	31.5	9.0	13.8	4.3	8.7	353.8	87.5	31.0	9.0	14.6	4.3	8.7	351.3	6.98	29.5	0.5	15	4.2	8.5	344.3	85.2
				29	29.5	0.79	17	4.19	8.4	336	82	29.0	0.75	18	4.16	8.4	337	82	27.6	0.72	19	4.08	8.2	330	80
		115		63	27.6	0.97	20	4.04	8.2	321	75	27.2	0.92	21	4.02	8.1	319	22	25.8	68'0	22	3.94	8.0	313	73
				69	27.0	1.00	20	3.95	0'8	667	1.4	26.6	66.0	22	3.92	8.0	967	02	25.3	0.94	23	3.85	8.7	291	69
				1.4	34.0	9.0	15	4.1	8.3	320.2	84.6	33.5	9.0	16	4.0	8.2	318.0	84.0	31.8	0.5	16	4.0	8.1	311.6	82.4
		105		29	31.8	0.78	19	3.92	8.0	307	62	31.4	0.75	20	3.89	8.0	305	62	29.8	0.71	20	3.82	7.8	299	22
		_		63	29.8	96.0	21	3.78	7.8	291	73	29.3	0.92	22	3.76	7.7	289	72	27.9	0.88	23	3.69	9.7	283	71
				69	29.1	1.00	22	3.69	9.7	270	89	28.7	0.98	23	3.67	9.7	568	89	27.3	0.94	24	3.61	2.5	263	29
				71	35.8	9.0	15	3.8	7.8	284.6	80.8	35.3	0.5	16	3.7	7.8	282.7	80.2	33.5	0.5	16	3.7	7.7	277.0	78.6
	ature	95	ature	29	33.5	0.75	19	3.62	9.7	273	9/	33.0	0.72	20	3.60	9.7	271	22	31.4	69.0	20	3.54	7.4	266	74
	empera		<b>Bulb Temperature</b>	63	31.4	0.92	22	3.50	7.4	258	69	30.9	0.88	23	3.48	7.3	257	69	29.3	0.85	24	3.42	7.2	252	89
	bient T		Bulb T	29	30.7	0.98	23	3.42	7.2	240	9	30.2	0.94	24	3.40	7.2	238	9	28.7	06.0	25	3.34	7.1	234	64
	<b>Outdoor Ambient Temperature</b>		Indoor Wet	1.4	36.7	0.5	15	3.4	7.4	249.9	6.92	36.2	0.5	16	3.4	7.4	248.2	76.3	34.4	0.5	16	3.3	7.2	243.2	74.8
	Outdo	82	6	29	34.3	0.73	19	3.30	7.2	240	72	33.8	0.70	20	3.28	7.1	238	72	32.1	0.67	20	3.22	7.0	233	20
			Enterin	63	32.1	0.89	21	3.19	7.0	227	99	31.7	0.86	23	3.17	6.9	225	99	30.1	0.82	23	3.12	8.9	221	64
				69	31.4	0.95	22	3.12	8.9	_	62	31.0	0.91	24	3.10	8.9	209	62	29.4	0.87	24	3.04	6.7	202	09
				1.4	37.6	0.5	15	3.1	6.9	219.7	74.0	37.0	0.5	16	3.1	6.9	218.2	73.5	35.2	0.5	16	3.0	6.7	213.8	72.0
		75		29	35.2	0.71	19	2.98	6.7	211	69	34.7	89.0	20	2.97	9.9	209	69	32.9	9.05	20	2:92	6.5	205	89
				63	2 32.9	3 0.87	21	2 2.89	9.9	5 200	64	7 32.4	9 0.83	23	) 2.87	9.9	198	63	2 30.8	5 0.80	23	3 2.82	6.4	194	62
		_		69	5 32.2	5 0.93	5 22	7 2.82	4 6.4	185	09 0	9 31.7	68.0	3 24	7 2.80	4 6.3	5 184	.5 59	.0 30.2	2 0.85	3 24	5 2.76	3 6.2	180	.1 58
00-2				67 71	36.0 38.5	0.68 0.5	18 15	51 2.7	6.3 6.4	188 195.8	0.07 99	35.5 37.9	0.66 0.5	19 16	2.59 2.7	6.2 6.4	186 194.5	65 69.5	33.7 36.0	0.63 0.5	20 16	55 2.6	6.1 6.3	183 190.6	64 68.1
\R36-		65		9 69	33.7 36	0.84 0.0	21 1	2.52 2.61	6.1 6	178 18	9 09	33.2 35	0.81 0.0	22 1	2.51 2.	6.1 6	177 18	9 09	31.5 33	0.77 0.0	23 2	2.47 2.55	9 0.9	173 18	29 6
-5* / 4				29 (	33.0 33	0.90	22 2	2.47 2.	9 0.9	165 1	9 /9	32.5 33	0.86 0.	23 2	2.45 2.	5.9 6	164 1	99	30.9 3	0.82 0.	24 2	2.41 2.	5.9 6	161 1	22 6
KF36		<u> </u>			MBh 3	S/T (	DT	KW 2	AMPS	H PR	LO PR	MBh 3	S/T (	DT	KW	AMPS	H PR	LO PR	MBh 3	S/T (	DT	KW 2	AMPS	H PR	LO PR
MODEL: CKF36-5* / AR36-00-2				Airflow			<u> </u>	1229	⋖	_	7				1100	⋖	_	_			<u> </u>	971	⋖	_	_
ODE					-			<del>(,</del>							1 1				L			U)			_
Σ				IDB*	L										ω										

										_										_(	
30.1	8.0	18.3	2.0	8.7	407.6	97.3	29.6	8.0	19.3	5.0	9.8	404.8	9.96	28.1	0.7	19.9	4.9	8.5	396.7	94.7	
28.2	1.00	21	4.81	8.4	391	91	27.8	96.0	22	4.78	8.3	388	91	26.4	0.92	23	4.69	8.2	380	68	
26.9	1.00	20	4.65	8.1	320	84	26.5	1.00	22	4.62	8.1	368	83	25.2	1.00	24	4.53	8.0	360	81	
26.4	1.00	20	4.54	8.0	344	62	26.0	1.00	22	4.51	7.9	342	78	24.7	1.00	23	4.42	7.8	335	22	
30.4	8.0	18.2	4.8	8.7	392.5	94.6	30.0	8.0	19.2	4.8	9.8	389.8	94.0	28.5	0.7	19.8	4.7	8.5	382.0	92.1	ı
28.5	96.0	21	4.64	8.4	376	88	28.1	0.94	22	4.61	8.4	374	88	26.7	06.0	23	4.52	8.2	366	98	
27.2	1.00	20	4.48	8.2	356	81	26.8	1.00	22	4.45	8.1	354	81	25.5	66.0	24	4.37	8.0	347	62	
26.7	1.00	20	4.37	8.0	331	22	26.3	1.00	22	4.34	8.0	329	92	25.0	1.00	24	4.26	7.8	322	74	
31.3	8.0	17.8	4.4	8.8	357.3	88.4	30.8	0.7	18.8	4.3	8.7	354.9	87.8	29.3	0.7	19.4	4.3	9.8	347.8	0.98	
29.3	0.94	21	4.22	8.5	343	83	28.9	06.0	22	4.20	8.5	340	82	27.5	98.0	22	4.12	8.3	333	81	
28.0	1.00	21	4.08	8.3	324	92	27.6	1.00	23	4.05	8.2	322	92	26.2	96.0	24	3.98	8.1	316	74	
27.5	1.00	21	3.98	8.1	301	71	27.1	1.00	23	3.96	8.0	299	71	25.7	0.99	24	3.89	7.9	293	02	
33.8	8.0	19	4.1	8.3	323.4	85.5	33.3	0.7	20	4.1	8.3	321.2	84.9	31.6	0.7	21	4.0	8.2	314.7	83.2	
31.7	0.93	22	3.95	8.1	310	80	31.2	0.89	23	3.93	8.0	308	80	29.6	0.85	24	3.86	7.9	302	28	
30.2	1.00	23	3.82	7.9	294	74	29.8	0.99	25	3.79	7.8	292	73	28.3	0.95	25	3.72	7.7	286	72	
29.7	1.00	22	3.73	7.7	273	69	29.2	1.00	24	3.70	9.7	271	69	27.8	0.98	26	3.64	7.5	266	29	
35.6	0.7	19	3.8	7.9	287.5	81.6	35.0	0.7	20	3.8	7.9	285.5	81.0	33.3	0.7	21	3.7	7.7	279.8	79.4	
33.3	06'0	22	3.65	7.7	276	22	32.8	0.86	24	3.63	9.7	274	9/	31.2	0.82	24	3.57	7.5	268	22	
31.8	1.00	24	3.53	7.4	261	20	31.4	0.95	22	3.51	7.4	259	20	29.8	0.91	56	3.45	7.3	254	89	
31.2	1.00	23	3.45	7.3	243	99	30.8	0.99	22	3.43	7.2	241	92	29.5	0.95	56	3.37	7.1	236	64	
36.4	0.7	19	3.4	7.5	252.4	9.77	35.9	0.7	20	3.4	7.4	250.7	17.1	34.1	9.0	21	3.4	7.3	245.6	75.6	
34.2	0.87	22	3.33	7.2	242	73	33.7	0.83	23	3.31	7.2	240	72	32.0	08.0	24	3.25	7.1	236	71	
32.6	96.0	24	3.22	7.0	229	29	32.1	0.92	25	3.20	7.0	228	99	30.5	0.88	56	3.14	6.9	223	9	
32.0	1.00	24	3.14	6.9	213	63	31.5	96.0	25	3.13	8.9	211	62	29.9	0.92	56	3.07	6.7	202	61	
37.3	2.0	19	3.1	6.9	221.9	74.7	36.8	0.7	50	3.1	6.9	220.4	74.2	34.9	9.0	21	3.0	8.9	216.0	72.7	
33.4 35.0	0.85	22	3.01	6.7	213	20	34.5	0.81	23	2.99	6.7	211	20	32.8	0.78	24	2.94	9.9	207	89	
33.4	0.94	23	2.91	6.5	202	64	32.9	0.30	25	2.89	6.5	200	64	31.3	0.86	26	2.84	6.4	196	63	
32.8	. 0.97	24	2.85	6.4	187	09 2	7 32.3	0.93	25	2.83	6.4	4 186	2 60	3 30.7	0.89	26	2.78	6.3	5 182	8 29	
8 38.2	2 0.7	19	3 2.7	6.5	197.8	7.07	3 37.7	9.0 8	20	1 2.7	9.9	3 196.4	70.2	5 35.8	9.0 9	. 21	7 2.7	6.4	5 192.5	8.89	
34.2 35.8	91 0.82	3 22	54 2.63	1 6.3	061 0	1 66	.7 35.3	87.0 78	4 23	3 2.61	1 6.3	.8 188	99 0	.0 33.5	33 0.75	5 24	19 2.57	0 6.2	5 185	9 6	
33.6 34.	94 0.91	24 23	2.49 2.54	6.0 6.1	167 180	57 61	1.1 33.7	90 0.87	25 24	47 2.53	0.6.1	166 178	22 60	.4 32.0	86 0.83	26 25	43 2.49	0.9 6.	162 175	26 59	
MBh 33	S/T 0.94	DT 2	KW 2.4	AMPS 6.	HPR 16	LO PR 5	MBh 33.1	S/T 0:90	DT 2	KW 2.47	AMPS 6.0	HIPR 16	LO PR 5	MBh 31.4	S/T 0.86	DT 26	KW 2.43	AMPS 5.9	HPR 16	LO PR 56	
Ĭ	S			Αľ	Ξ	임	Ĭ	S	٦		Αľ	Ξ	9	Ž	S		_	Αľ	Ξ	9	
			1229							1100							971				
										82											

### **COOLING PERFORMANCE DATA**

## **EXPANDED PERFORMANCE DATA**

**COOLING OPERATION** 

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			7.1				-	-	-	-						-	-							
	125°F		29	35.9	0.51	10	2.97	13.1	111	297	35.4	0.49	10	5.93	13.1	110	295	33.6	0.47	11	5.83	12.9	108	289
	1		63	32.8	1 0.73	13	5.77	12.8	105	272	32.3	02'0 1	13	5.74	12.7	104	270	30.7	0.67	14	5.64	12.5	102	264
			29	31.6	0.88	15	5.64	12.5	86	255	31.2	0.84	16	5.61	12.5	26	254	29.6	0.80	16	5.51	12.3	92	249
			71	-	- (		- 1	- (	-	-	- 1	-	ľ	Ŀ	- 6	-	-	'	٠	ľ				•
	118°F		29	37.0	0.50	10	5.84	13.0	108	295	36.4	9 0.48	10	5.81	12.9	107	293	34.6	3 0.46	11	5.71	12.7	105	287
	,		23	33.8	7 0.72	13	5.65	12.6	102	270	33.3	90.0	14	9 5.62	12.6	102	268	31.6	99'0 (	14	5.52	12.4	100	263
			29	32.6	0.87	15	5.52	12.4	96	254	32.1	0.83	16	5.49	12.3	94	252	30.5	0.80	16	5.40	12.2	63	247
			7 71	- 5	- 6	- C	- +5	- 9:	2 -	- 0	- 6	- 2	-	- 19	- 2	- 1	- 8	- 0	- 9	-	- 2	- 4	- 6	2 -
	115°F		63 67	36.0 39.5	71 0.49	13 10	36 5.54	12.3 12.6	96 102	266 290	35.5 38.9	38 0.47	14 11	33 5.51	2 12.5	96 101	264 288	.7 37.0	35 0.45	15 11	24 5.42	.1 12.4	94 99	258 282
			29 6	34.8 36	0.84 0.71	16 1	5.24 5.36	12.1 12	6 06	250 26	34.3 35	0.81 0.68	16 1	5.21 5.33	12.0 12.2	6 68	248 26	32.6 33.7	0.77 0.65	17 1	5.13 5.24	11.8 12.1	87 9	243 25
			7.1	- 3	0 -	-	- 2	- 1	-	- 2	- 3	0 -		- 2	- 1	-	- 2	- 3	0 -		- 5	- 1	-	- 2
	,F		29	42.6	0.48	11	5.20	12.1	92	280	42.0	0.46	12	5.17	12.0	95	278	39.9	0.44	12	5.09	11.8	06	273
	105°F		63	38.9	0.70	14	5.04	11.8	87	257	38.3	29.0	15	5.01	11.7	87	255	36.4	0.64	16	4.92	11.5	82	250
			29	37.5	0.84	17	4.93	11.5	81	241	37.0	0.80	18	4.90	11.5	81	240	35.1	0.77	18	4.82	11.3	62	235
			71	٠	٠		-	-		-		٠			٠	-	-	٠						•
ature	95°F	ature	29	44.9	0.47	11	4.84	11.5	82	267	44.2	0.45	12	4.81	11.4	81	266	42.0	0.43	12	4.73	11.3	80	260
rem per	6	emper-	63	41.0	29.0	15	4.68	11.2	28	245	40.4	0.65	15	4.66	11.2	22	243	38.3	0.62	16	4.58	11.0	22	238
Outdoor Ambient Temperature		ng Indoor Wet Bulb Temperature	29	39.5	0.81	17	4.58	11.0	72	230	38.9	0.77	18	4.55	11.0	72	229	37.0	0.74	18	4.48	10.8	02	224
loor An		oor We	7.1	-			- 8	- (		- :	- «	-		ŀ	- 6		- 1	•	ŀ		- ~			-
Outc	85°F		29	) 46.0	5 0.45	11	9 4.43	7 10.9	72	255	45.3	2 0.43	12	7 4.41	3 10.9	71	253	3 43.1	0.41	12	4.33	5 10.7	20	248
	-	Enteri	63	5 42.0	3 0.65	15		5 10.7		3 233	9 41.4	5 0.62		3 4.27	10.6	89		39.3	2 0.60	16	1 4.20	3 10.5		3 227
			29	40.5	0.78	17	4.20		H	219	39.9	0.75	18	4.18	10.4	63	218	37.9	0.72	18	4.11	10.3	62	H
			7 71	. T.	- 44	- 1	- EC	- 6'	- 63	245 -	- 49.9	4	1	- 10	10.2	- 63	243 -	. 1.	- 0#	12 -	96	- 1.	62 -	238 -
	75°F		63 67	43.0 47.1	0.64 0.44	15 11	3.91 4.03	10.0 10.3	9 09	224 24	42.4 46	0.61 0.42	15 1	3.89 4.01	10.0 10	29 69	223 24	40.3 44.1	0.58 0.40	16 1	3.83 3.95	9.9 10.1	9 89	218 23
			29	41.5 4	0.76 0	17	3.83 3	9.9		211 2	40.9 4	0.73 0	18	3.81 3	9.8	22		38.8 4	0.70	18	3.75 3	9.7	54	205 2
			71		-	-	-	-	-	-	-	-				-	-							
	65°F		29	48.2	0.43	11	3.56	6.7	99	232	47.5	0.41	11	3.54	9.7	99	230	45.2	0.39	12	3.49	9.6	22	226
	9		63	5 44.0	1 0.61	14	3.46	9.5	23	212	9 43.4	0.59	15	7 3.44	9.6	23	3 211	39.8 41.2	95.0 2	16	2 3.38	6.3	25	1 207
			29	h 42.5	T 0.74	41	V 3.39	PS 9.4	20 원	PR 200	h 41.9	T 0.70	17	V 3.37	S- 9.3	8 48	PR 198	-	T 0.67	18	V 3.32	S 9.2	8 48	PR 194
			w	MBh	S/T	D		AMPS	HPR	LOPR	MBh	S/T	ᆸ	V	AMPS	HPR	LOPR	MBh	S/⊥	Б	KW 8	AMPS	HPR	LOPR
			Airflow				1732							1550							1368			
			IDB											20										

			1732				1			ī							Č			
Mg Mg	S/T	DT	Κ	AMPS	HPR	LOPR	MBh	L/S	D	1550 KW	AMPS	H PR	LOPR	MBh	S/T	DT	1368 KW	AMPS	Ξ	LO PR
43.2	- 0.84	19	3.41	9.4	R 50	PR 202	1 42.6	08.0	50	3.40	9.4	R 50	PR 200	40.4 ל	- 0.77	. 21	3.34	8.3	R 49	196
44.5	0.75	18	3.48	9.6	24	215	43.8	0.72	19	3.46	9.5	24	213	41.6	69.0	19	3.41	9.4	25	209
48.2	0.57	14	3.59	8.6	22	234	47.4	0.54	15	3.57	2.6	22	233	45.1	0.52	16	3.51	9.6	22	228
51.7	0.4	10	3.7	10.0	59.4	249.5	50.9	0.3	11	3.7	10.0	29.0	247.7	48.4	0.3	11	3.6	6.6	8'29	242.8
42.2 4	0.87 0.	, 61	3.86 3.	9.9 10	99	213 2	41.6 4,	0.83 0.	, 02	3.84 3.	9.9 10	99	212 2	39.5 40	0.79 0.	, 12	3.78 3.	9.8	22	207 2
43.5 47	0.77 0.5	18 1	3.94 4.0	10.1 10	9 09	227 24	42.8 46	0.74 0.5	19 1	3.92 4.0	10.1 10	9 09	225 24	40.7 44.0	0.71 0.5	19 1	3.86 3.9	9.9 10	9 69	221 24
47.0 50.5	0.59 0.4	15 10	4.07 4.2	10.4 10.6	64 66.6	247 263.6	46.3 49.7	0.56 0.4	15 11	4.05 4.2	10.3 10.6	63 66.2	246 261.7	1.0 47.2	0.54 0.3	16 11	3.98 4.1	10.2 10.4	62 64.8	241 256.5
.5 41.2	4 0.89	0 19	2 4.24	9.01 9.0	.6 64	3.6 221	.7 40.6	4 0.85	1 20	2 4.21	10.5	.2 63	1.7 220	.2 38.6	3 0.81	1 21	1 4.14	10.4	.8 62	3.5 216
.2 42.4	92 0.79	9 18	24 4.33	.6 10.7	4 69	1 236	.6 41.8	35 0.76	0 19	21 4.30	.5 10.7	3 68	.0 234	7.66 9.7	31 0.73	1 19	4.23	.4 10.6	2 67	6 229
45	09'0 62	8 15	33 4.47	.7 11.0	9 73	36 257	45	76 0.58	9 15	4	.7 11.0	8 72	34 255	.7 43.0	73 0.55	91 16	4	10	7 71	29 250
.9 49.3	30 0.4	5 10	17 4.6	.0 11.3	3 75.8	7 273.9	.2 48.5	58 0.4	5 11	44 4.6	.0 11.3	2 75.2	5 272.0	.0 46.1	55 0.4	3 11	.37 4.5	.11.1	1 73.7	266
3 40.2	0.92	20	4.62	3 11.1	8 73	.9 233	9.66	88.0	21	4.59	3 11.0	2 72	.0 231	1 37.6	0.84	21	4.52	1 10.9	7 71	.6 226
41.4	2 0.82	18	2 4.72	11.3	28	3 247	3 40.8	3 0.79	19	4.69	11.2	28	246	3 38.7	1 0.75	20	2 4.62	11.1	9/	241
44	0.62	15	4.88	11.6	83	270	44.1	0.59	16	4.85	11.5	82	268	41.9	0.57	16	4.77	11.4	81	263
8 48.1	2 0.4	10	8 5.0	5 11.9	98	) 287.	1 47.4	9 0.4	11	5 5.0	5 11.8	85.7	3 285.	9 45.0	7 0.4	11	7 4.9	4 11.7	84.0	280
1 38.2	6.0 1	19	4.97	9 11.6	.3 82	.7 244	4 37.6	1 0.91	20	4.94	8 11.6	7 81	.7 242	35.7	18.0	21	4.86	7 11.4	0 80	.0 237
2 39.3	5 0.85	18	2.08	3 11.8	88	1 259	3 38.7	1 0.82	19	4 5.05	3 11.8	88	2 258	8.98 2	7 0.78	19	3 4.96	11.6	98	, 252
42.6	0.64	15	5.25	12.1	63	283	41.9	0.62	15	5.22	12.1	92	281	39.8	0.59	16	5.13	11.9	91	276
45.7	0.4	10	5.4	12.5	97.1	301.5	45.0	0.4	11	5.4	12.4	96.4	299.4	42.7	0.4	11	5.3	12.3	94.5	293.5
35.4	96.0	18	5.29	12.1	91	252	34.8	0.92	19	5.26	12.1	06	250	33.1	0.88	20	5.17	11.9	88	242
36.4	98.0	17	5.41	12.4	26	268	35.9	0.82	17	5.38	12.3	26	266	34.1	0.79	18	5.29	12.1	92	261
39.4	0.65	14	5.59	12.7	103	293	38.8	0.62	14	5.56	12.6	102	291	36.9	09.0	15	5.46	12.5	100	285
42.3	0.4	9.4	5.8	13.1	107.3	311.9	41.7	0.4	6.6	5.8	13.0	106.5	309.7	39.6	0.4	10.2	2.2	12.8	104.4	303.5
33.1	66.0	17	2.57	12.5	96	256	32.6	0.94	18	5.54	12.4	92	254	31.0	06.0	19	5.44	12.3	94	249
34.1	0.88	16	5.70	12.7	103	273	33.6	0.84	17	2.67	12.7	103	271	31.9	0.81	17	2.57	12.5	101	265
36.9	29.0	13	5.89	13.1	109	298	36.4	0.64	14	5.86	13.0	108	296	34.5	0.61	14	92.5	12.8	106	290
39.6	0.4	9.0	6.1	13.5	113.9	316.9	39.0	0.4	9.2	6.1	13.4	113.1	314.7	37.1	0.4	8.6	0.9	13.2	110.9	308.4
32.2	1.00	17	5.69	12.6	66	258	31.7	0.95	18	99.5	12.6	86	256	30.1	0.91	18	5.56	12.4	96	251
33.1	0.89	16	5.82	12.9	106	274	32.6	0.85	17	5.79	12.8	105	273	31.0	0.82	17	5.69	12.6	103	267
35.8	0.67	13	6.02	13.2	112	300	35.3	0.65	14	5.99	13.2	111	298	33.5	0.62	14	5.88	13.0	109	292
38.5	9.0	8.9	6.2	13.6	116.8	319.1	37.9	9.0	9.3	6.2	13.6	116.0	316.9	36.0	0.4	9.6	6.1	13.3	113.6	310.5

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bub Temperature KW=To High and low pressures are measured at the liquid and suction service valves.

8-00-2	
5* / A4	
CKF48-	
MODE	

IN	J			<u> </u>		Γ	1	_ \	U	<i> </i>	<u> </u>	IV		H	11)	A	L	<b>,</b> [	Ξ	L	J	P	N		4
N				71	38.2	9.0	12.6	6.3	13.7	117.9	322.3	37.6	9.0	13.3	6.2	13.7	117.1	320.1	35.7	9.0	13.7	6.1	13.4	114.8	313.7
RATIC		J.		29	35.7	0.83	16	6.07	13.3	113	303	35.2	0.80	17	6.04	13.3	112	301	33.4	0.77	17	5.93	13.1	110	295
OPEF		125°F		63	33.4	1.00	18	5.87	13.0	107	277	32.9	0.98	19	5.84	12.9	106	275	31.3	0.94	20	5.74	12.7	104	270
COOLING OPERATION				29	32.7	1.00	17	5.74	12.7	100	261	32.2	1.00	19	5.71	12.7	66	259	30.6	1.00	21	5.61	12.5	26	254
;00F				71	39.3	9.0	12.9	6.2	13.6	115.1	320.1	38.8	9.0	13.6	6.1	13.5	114.3	317.9	36.8	9.0	14.0	0.9	13.3	112.0	311.6
O				29	36.8	0.83	16	5.94	13.2	110 1	301 3	36.3	0.79	17	5.91	13.1	110 1	299 3	34.4	92'0	18	5.81	12.9	107 1	293 3
		118°F		53	34.4	00'1	18	5.75	12.8	. 401	275 ;	33.9	0.97	20	5.71	12.8	. 401	273	32.2	0.93 (	20	5.62	12.6	. 701	. 268
				29	33.7 3	1.00 1	18	5.62 5	12.6 1	1 26	259 2	33.2 3	1.00 0	20	5.59 5	12.5 1	96	257 2	31.5 3	0 66.0	21	5.49 5	12.3 1	94 1	252
				71 1	42.0	0.6	13.4	5.8 5	13.2	108.4	315.0 2	41.4	0.6	14.1	5.8 5	13.1	107.6	312.9 2	39.3 3	0.6	15 2	5.7 5	12.9	105.5	306.6
				. 29	39.3 4	0.80	17 1	5.64	12.8 1	104 10	296 31	38.7 4	0.77 (	18 1	5.61	12.7 1	103 10	294 31	36.8	0.74 (	18	5.51	12.5 1	101 10	288 30
		115		63	36.8	1.00 0	20	5.46 5	12.5 1	98	271 2	36.2 3	0.95 0	20	5.42 5	12.4 1	98	269 2	34.4 3	0.91 0	21	5.33 5	12.2 1	96	264 2
				29	36.0	1.00 1	19	5.34 5	12.2 1	91	255	35.5	1.00 0	21	5.30 5	12.2 1	91	253	33.7 3	0.97 0	22	5.21 5	12.0 1	68	248
				7.1	45.4	9.0	14	5.5	12.6	98.1	304.6	44.7	9.0	15	5.4	12.5	97.4	302.5	42.4	0.5	16	5.3	12.3	95.4	296.4
		2		29	42.4	0.80	18	5.29	12.2	94	286 :	41.8	92.0	19	5.26	12.2	93	284 (	39.7	0.73	20	5.17	12.0	92	278
		105		63	39.7	96.0	21	5.12	11.9	88	262	39.1	0.94	22	5.09	11.9	88	260	37.2	06.0	22	5.01	11.7	87	255
				59	38.9	1.00	21	5.01	11.7	83	246	38.3	1.00	23	4.98	11.6	82	242	36.4	96'0	23	4.90	11.5	81	240
				71	47.7	9.0	15	5.1	12.0	87.2	290.6	47.0	0.5	15	5.1	11.9	9.98	288.6	44.7	0.5	16	2.0	11.8	84.8	282.8
	ıture	2	ture	29	44.7	0.77	18	4.92	11.7	84	273	44.0	0.74	19	4.89	11.6	83	271	41.8	0.70	20	4.81	11.4	81	266
	en pera	95	Bulb Temperature	63	41.8	0.94	21	4.76	11.4	62	250	41.2	06.0	22	4.73	11.3	6/	248	39.1	0.87	23	4.66	11.2	22	243
	<b>Outdoor Ambient Temperature</b>		Bulb Te	29	40.9	1.00	22	4.66	11.2	74	235	40.3	96.0	23	4.63	11.1	73	233	38.3	0.92	24	4.55	11.0	72	229
	or Aml		Indoor Wet	7.1	48.9	9.0	14	4.7	11.4	76.5	276.7	48.2	0.5	15	4.6	11.3	0.97	274.8	45.8	0.5	16	4.6	11.2	74.5	269.3
	Outdo	2	g	29	45.8	0.74	18	4.51	11.1	73	260	45.1	0.71	19	4.48	11.0	73	258	42.8	0.68	20	4.41	10.9	71	253
		82	Enterin	63	42.8	0.91	21	4.36	10.8	69	238	42.2	0.87	22	4.34	10.8	69	236	40.1	0.84	23	4.27	10.6	89	232
				29	41.9	26.0	22	4.27	10.6	92	224	41.3	0.93	23	4.25	10.6	64	222	39.2	68'0	54	4.18	10.4	63	218
				71	50.1	0.5	14	4.2	10.7	67.3	266.2	49.4	0.5	15	4.2	10.7	8.99	264.4	46.9	0.5	16	4.1	10.5	65.5	259.1
		75		29	46.9	0.73	18	7	10.4	92	250	46.2	69.0	19	4.08	10.4	64	248	43.9	0.67	20	4.01	10.2	63	243
				63	43.9	0.89	21	3.98	10.2	61	229	43.2	0.85	22	3.95	10.1	61	227	41.1	0.82	23	3.89	10.0		223
				29	3 43.0	0.95	22	Ĺ	10.0	29 (	0 215	3 42.3	0.91	23	3.87	10.0	99 9	2 214	7 40.2	0.87	24	3.81	8.6	4 55	2 209
-2				71	0 51.3	0.5	3 14	2 3.7	10.1	3 60.0	7 252.0	3 50.6	2.0 %	15	0 3.7	3 10.1	9.69 2	5 250.2	9 48.0	4 0.5	3 15	4 3.7	6.6 /	5 58.4	0 245.2
48-00		9		29 8	.9 48.0	36 0.70	1 18	51 3.62	6.6 9	4 58	7 237	44.3 47.3	32 0.67	2 19	19 3.60	8.6 9.8	4 57	5 235	.1 44.9	79 0.64	2 19	14 3.54	2 9.7		1 230
5* / A				59 63	44.0 44.9	0.92 0.86	21 21	3.44 3.51	9.6 9.6	51 54	204 217	43.3 44	0.88 0.82	23 22	3.42 3.49	9.4 9.6	50 54	202 215	41.2 42.1	0.84 0.79	23 22	3.37 3.44	9.3 9.5	49 53	198 211
F48-				3	MBh 4	S/T 0.	DT 2	_	WWS 6	HPR	LOPR 2	MBh 43	S/T 0.	DT 2	_	WWS 9	HPR	LOPR 2	MBh 4′	S/T 0.	DT 2	KW 3.	WMPS 9	רן אם וא	LO PR 1
MODEL: CKF48-5* / A48-00-2				wo	Ž	0,1	Ľ		A	Ī	TC	Ž	L",	_		A	Ξ	J	Ž	(,	_	1368 K	Ā	Ī	ĭ
)DEL				* Airflow				1732							1550							13(			_
ĭ				IDB*											80										

	_				_				_											_	۰
37.9	9.0	16.3	6.3	13.8	119.1	325.5	37.4	8.0	17.2	6.3	13.8	118.3	323.3	35.5	2.0	17.7	6.2	13.5	115.9	316.8	
35.5	1.00	19	6.13	13.4	114	306	35.0	96.0	20	60.9	13.3	113	304	33.3	0.92	20	5.98	13.2	111	297	
33.9	1.00	18	5.92	13.1	108	280	33.4	1.00	20	5.89	13.0	107	278	31.8	1.00	21	5.79	12.8	105	272	
33.3	1.00	18	62.5	12.8	101	263	32.8	1.00	19	92.5	12.8	100	261	31.2	1.00	21	99'9	12.6	86	256	
39.1	8.0	16.6	6.2	13.7	116.2	323.3	38.5	8.0	17.5	6.2	13.6	115.4	321.1	36.6	0.7	18.0	6.1	13.4	113.1	314.7	
36.6	66.0	19	00'9	13.3	111	304	36.1	0.95	20	96'9	13.2	111	301	34.3	0.91	21	5.86	13.0	108	295	
35.0	1.00	19	5.80	12.9	106	278	34.4	1.00	20	92'9	12.9	105	276	32.7	66.0	22	99'9	12.7	103	271	
34.3	1.00	18	2.67	12.7	86	261	33.8	1.00	20	5.63	12.6	26	260	32.1	1.00	22	5.54	12.4	92	254	
41.7	8.0	17.3	6.9	13.3	109.4	318.2	41.1	0.7	18.2	6.9	13.2	108.7	316.0	39.0	0.7	18.8	2.5	13.0	106.5	309.7	
39.1	96.0	20	5.69	12.9	105	299	38.5	0.92	21	99.9	12.8	104	297	9.98	0.88	22	5.56	12.6	102	291	ا
37.3	1.00	20	5.50	12.6	66	274	36.8	1.00	22	5.47	12.5	66	272	34.9	96.0	23	5.38	12.3	26	266	AMPS=outdoor unit amos (como ±fan)
36.6	1.00	19	5.38	12.3	62	257	36.1	1.00	21	5.35	12.3	62	255	34.3	1.00	23	5.26	12.1	06	250	uoo) sui
45.0	0.8	18	5.5	12.7	99.1	307.6	44.4	0.7	19	5.5	12.6	98.4	305.5	42.2	0.7	20	5.4	12.4	96.4	299.4	no in
42.2	0.95	21	5.34	12.3	92	289	41.6	0.91	23	5.31	12.3	94	287	39.5	0.87	23	5.22	12.1	92	281	Olithon
40.3	1.00	21	5.17	12.0	06	265	39.7	1.00	24	5.14	11.9	88	263	37.7	0.97	25	5.05	11.8	88	257	-SdW V
39.5	1.00	21	20.5	11.8	8	249	39.0	1.00	23	5.02	11.7	83	247	37.0	1.00	22	4.94	11.6	81	242	
47.4	0.7	19	5.1	12.1	88.0	293.5	46.7	0.7	20	5.1	12.0	87.4	291.5	44.4	0.7	20	2.0	11.8	85.7	285.7	
44.4	0.92	22	4.96	11.7	84	276	43.8	0.88	23	4.93	11.7	84	274	41.6	0.84	24	4.85	11.5	82	268	
45.4	1.00	23	4.80	11.4	80	252	41.8	0.97	24	4.77	11.4	6/	251	39.7	0.93	52	4.69	11.2	28	246	DOW Pr
41.6	1.00	22	4.70	11.2	74	237	41.0	1.00	24	4.67	11.2	74	236	39.0	0.97	22	4.59	11.0	72	231	ature KW=Total system now er
48.6	0.7	19	4.7	11.5	77.3	279.5	47.9	0.7	20	4.7	11.4	76.8	277.5	45.5	0.7	20	4.6	11.3	75.2	272.0	V-Tota
45.5	0.89	22	4.54	11.2	74	262	44.9	0.85	23	4.52	11.1	74	261	42.6	0.82	23	4.44	11.0	72	255	rire K
43.5	66.0	23	4.40	10.9	20	240	42.8	0.94	24	4.38	10.8	20	239	40.7	06'0	22	4.30	10.7	89	234	DB: Entering Indoor Dry Bulh Tempers
42.7	1.00	23	4.31	10.7	9	226	42.0	86.0	54	4.28	10.7	<u> </u>	224	6'68	96'0	52	4.21	10.5	63	220	rv Ruh
49.8	0.7	19	4.3	10.8	68.0	268.9	49.0	0.7	20	4.2	10.7	67.5	267.0	46.6	9.0	20	4.2	10.6	66.1	261.7	ndoor L
46.7	0.87	21	4.13	10.5	92	252	46.0	0.83	23	4.11	10.4	92	251	43.7	0.80	23	4.04	10.3	63	246	fering
44.6	96.0	23	4.01	10.2	62	231	43.9	0.92	24	3.98	10.2	61	230	41.7	0.88	25	3.92	10.1	09	225	ä
43.7	1.00	23	3.92	10.1	29	217	43.1	0.95	24	3.90	10.0	25	216	40.9	0.91	22	3.84	6.6	99	212	
51.0	0.7	18	3.8	10.2	9.09	254.5	50.2	0.7	19	3.7	10.1	60.2	252.7	47.7	9.0	20	3.7	10.0	29.0	247.7	
47.8	0.84	21	3.65	6.6	28	239	47.1	0.80	22	3.63	6.6	28	237	44.7	0.77	23	3.57	9.7	22	233	
45.6	0.93	22	3.54	9.7	22	219	44.9	0.89	24	3.52	9.6	22	217	42.7	0.85	24	3.46	9.5	54	213	nditions
44.7	96.0	23	3.47	9.5	12	206 ع	44.1	0.92	24	3.45	9.5	12	204	41.9	0.88	22	3.39	9.4	20	200 ع	C) Pulit
M Ma	ĽS	DT	K	AMPS	ΗR	LOPR	MBh	S/T	Ы	K	AMPS	HPR	LOPR	MBh	S/T	DT	KW	AMPS	HPR	LO PR	4 HRI Ra
			1732							1550							1368				Shaded area is A HRI Bating Conditions
										82											habeds
																					٠.

Shaded area is AHRI Rating Conditions IDB: Entering Indoor Dry Bub Temperature KW=Total systempower High and low pressures are measured at the liquid and suction service valves.

### **COOLING PERFORMANCE DATA**

## **EXPANDED PERFORMANCE DATA**

**COOLING OPERATION** 

59 63 67

		118°F		29	46.2	0.48	11	7.31	13.2	352	80	45.5	0.46	12	7.26	13.1	349	80	43.3	0.44	12	7.14	12.9	342	28
		118		53	42.2	0.70	15	90'.	12.8	333	74	41.6	29.0	15	7.02	12.7	331	73	39.5	0.64	16	06.9	12.5	324	72
				29	40.7	0.84	17	06.9	12.5	310	69	40.1	0.80	18	98.9	12.4	307	69	38.1	0.77	18	6.74	12.2	301	29
				71	-	-	-	-	-	-	-					-	-	-				-	-	-	-
		,F		29	49.4	0.47	12	6.93	12.7	331	62	48.6	0.45	12	6.89	12.6	329	62	46.2	0.43	13	6.77	12.4	322	27
		115°F		63	45.1	0.68	15	6.70	12.3	314	73	44.4	0.65	16	99'9	12.3	311	72	42.2	0.62	17	6.55	12.0	305	71
				29	43.5	0.81	18	6.55	12.1	291	89	42.8	0.78	19	6.51	12.0	289	89	40.7	0.75	19	6.40	11.8	284	99
				71	-	-	-	-	-	-	-					-	-	-				-	-	-	-
		۰Ł		29	53.3	0.47	12	6.50	12.1	300	22	52.5	0.45	13	6.46	12.0	298	92	49.9	0.43	13	6.35	11.8	292	74
		105°F		63	48.6	29.0	16	6.29	11.7	284	20	47.9	0.64	17	6.25	11.6	282	20	45.5	0.62	18	6.14	11.4	276	89
				69	46.9	0.81	19	6.15	11.4	264	99	46.2	0.77	50	6.11	11.4	797	92	43.9	0.74	21	6.01	11.2	257	64
				71	-	-					-					-						-	-		-
	atnre	<u>ا</u>	ature	29	56.1	0.45	13	6.03	11.4	566	73	55.3	0.43	13	00.9	11.3	265	73	52.5	0.41	14	5.89	11.1	259	71
	Outdoor Ambient Temperature	95°F	emper	63	51.2	0.65	17	5.84	11.0	252	29	50.5	0.62	17	5.80	11.0	251	99	47.9	09.0	18	5.70	10.8	246	92
	oient T		Bulb T	29	49.4	0.78	19	5.71	10.8	234	63	48.7	0.74	20	2.67	10.7	233	62	46.2	0.71	21	5.58	10.5	228	61
	or Am		or Wet	7.1	-	-	-	-	-	-	-			-		-	-					-	-	-	-
	Outdo	Į.	g Indoc	<b>29</b>	57.5	0.44	12	5.52	10.7	234	20	29.3	0.42	13	5.49	10.6	232	69	53.8	0.40	14	5.39	10.4	228	89
		85°F	Entering Indoor Wet Bulb Temperature	63	52.5	0.63	16	5.34	10.4	222	64	51.7	09.0	17	5.31	10.3	220	63	49.1	0.58	18	5.22	10.1	216	62
				29	9.03	92.0	19	5.23	10.1	506	09	49.9	0.72	50	5.20	10.1	204	69	47.4	69.0	21	5.11	6.6	200	89
				71	-	-	-	-	-	-		-	-	-	-	-	-	-		-	-	-	-	-	
		75°F		67	58.9	0.42	12	5.02	6.6	206	29	58.0	0.41	13	4.99	8.6	204	99	55.1	0.39	14	4.91	9.7	200	92
		7.		63	53.8	0.61	16	4.86	9.6	195	61	53.0	0.59	17	4.83	9.6	193	19	50.3	0.56	18	4.75	9.4	190	09
				29	51.9	0.73	19	4.76	9.4	181	28	51.1	0.70	20	4.73	6.3	180	22	48.6	0.67	21	4.65	9.5	176	99
,				71			٠		٠		٠	١	ŀ	٠	ŀ	-			١		ŀ	-			-
-0		65°F		29	60.3	9 0.41	12	3 4.42	9.2	. 183	63	54.2 59.4	0.39	13	3 4.39	9.2	182	63	51.5 56.4	0.54 0.38	13	4.32	9.0	178	62
, Ab				63	1 55.0	0.59	16	9 4.28	9.0	174	28		3 0.57	17	7 4.26	8.9	172	28			18	1 4.19	8.8	169	99
C-00			Ц	29	1.23 ה	0.71	19	4.19	8.8	R 161	PR 55	52.3	. 0.68	. 50	4.17	8.7	R 160	PR 54	ל-49.7	- 0.65	20	4.11	9.8	R 157	PR 53
2				~	MBh	S/T	Ы	Κ	AMPS	Ξ	LO PR	MBh	S∕T	Ы	Š	AMPS	H FK	LO PR	MBh	S/T	Ы	KW	AMPS	H FK	LO PR
MODEL: CKF60-5" / A60-00-Z				Airflow				1844							1650							1456			
<u> </u>				IDB											2										
					_																				

	≥	П							63.1					0.2			Н				4		49.3	52.9	41.4	42.6	46.1	49.5	40.2	41.4		48.1
	נט	S/T 0.	0.81 0.72	72 0.55	5 0.4	0.83	0.75	0.56	0.4	0.86	0.77 (	0.58 (	0.4 0.	88	0.79 0.0	0.60 0.	0.4 0.92	92 0.82	2 0.62	9.0	0.92	0.83	0.63	0.4	0.95	0.85	0.64	0.4	96.0	0.86	0.65	0.4
	_	DT 2	22 20	0 16	11	22	20	17	11	22	20	17	11	22 2	20 1	17 1	12 2	22 20	) 16	11	20	19	15	10.6	20	18	15	10.2	19	18	15	10.0
18	1844 K	KW 4.:	4.23 4.32	32 4.45	5 4.6	4.80	4.90	90'9	5.2	5.27	5.39	5.57	5.8 5.	5.76 5.8	5.89 6.	6.08 6.	6.3 6.20	20 6.34	4 6.56	8.9	6.61	92'9	6.99	7.2	96.9	7.13	7.37	9.7	7.12	7.28	7.54	7.8
	AN	AMPS 8.	8.8 9.0	0 9.3	9.6	9.5	6.7	10.0	10.3	10.2	10.5	10.8 1	11.2	10.9 11	11.1 11	11.5 11	11.9 11.5	.5 11.8	8 12.2	12.6	12.2	12.4	12.8	13.3	12.6	12.9	13.3	13.8	12.8	13.1	13.5	14.0
	I	HPR 16	163 175	75 185	5 193.2	183	197	208	216.7	208	224	236 24	246.5 2	237 29	255 26	269 280.		266 287	2 303	315.8	3 294	317	332	349.0	313	336	322	370.6	320	345	364 3	379.8
	Ŋ	LO PR 5	55 59	9 64	68.1	1 58	62	89	72.0	09	64	7 07	74.8	64 6	68 7	74 78.	3.6 67	7 71	77	82.3	69	73	80	85.2	20	74	81	86.5	20	75	82	87.1
	Σ	MBh 53	53.2 54.8	.8 59.3	3 63.6	5 52.0	53.5	6.73	62.2	20.2	52.2	56.5	60.7	49.5 <b>51</b>	51.0 55	55.2 59.3	9.2 47.0	.0 48.4	4 52.4	1 56.2	43.6	44.8	48.5	52.1	40.8	42.0	45.5	48.8	39.6	40.8	44.1	47.4
	(V)	.0 L/S	0.77 0.69	39 0.52	2 0.3	0.80	0.71	0.54	0.3	0.82	0.73 (	0.55	0.4 0.	0.82	0.76	0.57 0.	0.4 0.88	88 0.79	62.0 6.	9 0.4	0.89	0.79	09.0	0.4	0.91	0.81	0.62	0.4	0.92	0.82	0.62	0.4
	_	DT 2	23 21	1 17	12	23	21	17	12	23	21	17	12	23 2	21 1	18 1	12 23	23 21	17	12	21	20	16	11.2	21	19	16	10.8	20	19	15	10.6
75 16	1650 K	KW 4.	4.20 4.29	29 4.43	3 4.6	4.77	4.87	5.03	5.2	5.24	5.36	5.53	5.7 5.	5.72 5.	<b>2.85</b> 6.	9 20.9	6.3 6.16	16 6.30	0 6.52	7.9 5	6.57	6.72	6.95	7.2	6.92	7.08	7.33	7.6	7.07	7.24	7.49	7.8
	AN	AMPS 8.	8.8 9.0	0 9.2	9.6	9.4	9.6	6.6	10.3	10.2	10.4	10.7	11.1	10.8 11	11.1	11.4 11	11.8 11.5	.5 11.7	7 12.1	12.5	12.1	12.4	12.8	13.2	12.5	12.8	13.2	13.7	12.7	13.0	13.4	13.9
	Ξ	H PR	162 174	74 184	191.8	8 182	195	206	215.2	207	222	235 24	244.8 2	235 2	253 26	267 278	278.8 26	265 285	5 301	313.6	3 292	315	332	346.5	310	334	353	368.0	318	342	362 3	377.2
	CC	LO PR 5	55 58	8 64	9.79	99 9	61	29	71.5	09	64	7 07	74.3	e3 <b>e</b> 9	2 29	73 78.	0	99	<i>11</i> (	81.8	89	73	62	84.6	69	74	81	85.9	20	74	81	86.5
_	Σ	MBh   50	50.6 52.0	.0 56.3	3 60.5	5 49.4	20.8	55.0	59.1	48.2	49.6	53.7 5	57.7 4	47.0 48	48.4 52	52.4 56	56.2 44.7	1.7 46.0	0 49.8	53.4	41.4	42.6	46.1	49.5	38.7	39.9	43.2	46.3	37.6	38.7	41.9	45.0
	(U)	.0 L/S	0.74 0.66	36 0.50	0.3	0.77	0.68	0.52	0.3	0.78	0.70	0.53 (	0.3	0.81 0.	0.72 0.8	0.55 0.	0.4 0.84	84 0.75	5 0.57	7 0.4	0.85	92'0	0.57	0.4	28.0	0.78	0.59	0.4	0.88	62'0	09.0	0.4
	_	DT 2	24 22	2 18	12	24	22	18	12	24	22	18	12	24 2	22 1	18 1	13 24	4 22	2 18	12	22	20	17	11.5	21	20	16	11.1	21	19	16	10.9
14	1456 K	KW 4.	4.14 4.22	22 4.36	5 4.5	4.69	4.79	4.95	5.1	5.15	5.27	5.44	5.6 5.	5.63 5.	5.75 5.9	5.95 6.	6.1 6.06	06 6.19	9 6.40	9.9 (	6.45	09'9	6.83	7.1	08'9	96'9	7.20	7.5	6.95	7.11	7.36	9.7
	AN	AMPS 8.	8.8 9.8	8 9.1	9.4	9.3	9.5	8.6	10.1	10.0	10.2	10.5 1	10.9	10.6 10	10.9 11	11.2 11	11.6 11.3	.3 11.5	5 11.9	12.3	11.9	12.2	12.5	13.0	12.3	12.6	13.0	13.4	12.5	12.8	13.2	13.6
	I	HPR 16	159 171	71 180	188.0	178	192	202	210.9	202	218	230 23	239.9 2	231 24	248 26	262 27;	273.2 25	259 279	9 295	307.4	1 287	308	326	339.6	304	327	346	360.6	312	336	354 3	2.698
	) ]	LO PR 5	54 57	7 62	66.3	3 57	09	99	70.0	26	63	68 7	72.8	62 6	99	72 76	76.5 6	69 9	3 75	80.1	29	71	78	82.9	89	72	62	84.2	69	73	80	84.8
Shaded area is ACCA (TVA) conditions	J A Si E	(AVT) A	\ conditin	Suc			ПR	ntaring	hoon P	DR: Entering Indoor Dry Bulb Term	a	ratiirekW/=Total system now er	-Total e	v ctom p	OWer			AMP	South	AMPS=nitdoor unit amos (compared at	uu suu	mn tfar	_									

Shaded area is ACCA (TVA) conditions IDB: Entering hotoor Dry Bulb High and low pressures are measured at the liquid and suction service valves.

	_	_	_	_			1	_	_	4	_	I	Ш		Ш	4	_	/ [	_	_	_		•		_
NC				1.1	47.7	9.0	14.3	6.7	14.1	383.7	88.0	47.0	9.0	15.1	7.8	14.0	381.0	87.4	44.7	9.0	15.6	7.7	13.8	373.4	85.7
RATI		125°F		29	44.7	0.80	18	7.60	13.6	368	83	44.0	0.77	19	7.56	13.5	365	82	41.8	0.74	19	7.42	13.3	358	80
OPEI		125		63	41.8	1.00	21	7.35	13.2	348	92	41.2	0.95	22	7.30	13.1	346	75	39.1	0.91	22	7.18	12.9	339	74
-ING				29	40.9	1.00	20	7.18	12.9	324	71	40.3	1.00	22	7.14	12.8	321	71	38.3	0.97	23	7.01	12.6	315	69
<b>COOLING OPERATION</b>				71	49.2	9.0	14.6	7.7	13.9	374.3	87.4	48.4	9.0	15.3	7.7	13.8	371.7	86.8	46.0	0.5	15.8	7.5	13.6	364.3	85.1
		Ŧ		29	46.0	0.80	18	7.44	13.4	328	82	45.3	92.0	19	7.39	13.3	326	82	43.1	0.73	20	7.26	13.1	349	80
		118°F		53	43.1	66.0	21	7.19	13.0	340	75	42.4	0.94	22	7.15	12.9	338	75	40.3	06.0	23	7.02	12.7	331	73
				29	42.1	1.00	21	7.03	12.7	316	71	41.5	66.0	23	86.98	12.6	314	20	39.4	96.0	24	98'9	12.4	307	69
				71	52.5	9.0	15.1	7.3	13.4	352.5	86.0	51.7	9.0	16.0	7.3	13.3	320.0	85.4	49.2	9.0	16	7.1	13.1	343.0	83.7
				29	49.1	0.77	19	7.05	13.0	338	81	48.4	0.74	20	7.01	12.9	336	80	46.0	0.71	21	6.89	12.6	329	62
		115		63	46.0	0.95 (	22	6.82	12.6	320	74	45.3	0.91	23	6.78	12.5	318	73	43.0	0.87	24	99.9	12.3	311	72
				29	45.0	1.00	22	6.67	12.3	297	20	44.3	0.97	24	6.63	12.2	295	69	42.1	0.93	22	6.51	12.0	289	89
				71	26.7	9.0	16	8.9	12.7	319.0	83.2	6.53	9.0	17	8.9	12.6	316.8	82.6	53.1	9.0	18	2.9	12.4	310.5	80.9
		105		29	53.0	0.77	20	6.61	12.3	306	78	52.3	0.73	21	6.57	12.2	304	78	49.6	0.70	22	6.46	12.0	298	9/
		10		63	49.6	0.94	23	6.40	11.9	290	72	48.9	06.0	25	6.36	11.8	288	71	46.5	98.0	25	6.25	11.6	282	20
				29	48.6	1.00	24	6.25	11.6	269	29	47.9	96.0	56	6.22	11.6	267	29	45.5	0.92	56	6.11	11.4	262	92
				71	59.7	9.0	16	6.3	12.0	283.6	79.4	58.8	0.5	17	6.3	11.9	281.6	78.8	55.9	0.5	18	6.2	11.7	276.0	77.2
	rature	95	rature	29	25.8	0.74	21	6.14	11.6	272	75	55.0	0.71	22	6.10	11.5	270	74	52.3	0.68	22	00.9	11.3	265	73
	Tempe	<b>.</b>	Bulb Temperature	63	52.3	0.91	24	5.94	11.2	257	68	51.5	0.87	22	2.90	11.2	256	89	48.9	0.83	56	5.80	11.0	251	99
	nbient			29	51.1	0.97	22	5.81	11.0	239	64	50.4	0.93	56	2.77	10.9	3 238	64	47.9	0.89	27	2.67	10.7	3 233	62
	<b>Outdoor Ambient Temperature</b>		Indoor Wet	71	2 61.2	2 0.5	16	1 5.8	9 11.3	3 249.0	75.6	4 60.3	9 0.5	17	3 5.8	3 11.2	7 247.3	75.0	5 57.3	3 0.5	18	9 5.7	3 11.0	242.3	73.5
	Out	85	6	29	5 57.2	8 0.72	20	3 5.61	5 10.9	3 239	71	8 56.4	4 0.69	22	0 5.58	5 10.8	t 237	70	1 53.6	1 0.66	22	1 5.49	3 10.6	) 232	69
			Enterin	63	4 53.6	4 0.88	24	2 5.43	3 10.5	0 226	92	6 52.8	0 0.84	25	9 5.40	3 10.5	9 224	92	1 50.1	6 0.81	. 26	0 5.31	1 10.3	4 220	
				1 59	.7 52.4	5 0.94	16 25	3	10.4 10.3	218.9 210	.7 61	.7 51.6	5 0.90	17 26	5.2 5.29	.4 10.3	7.4 209	72.2 61	58.6 49.1	98.0 9	18 27	2 5.20	10.2 10.1	3.1 204	.7 59
				67 71	58.6 62.7	0.70 0.5	20 1	5.10 5.3	10.1 10	210 218	68 72.7	57.8 61.7	0.67 0.5	22 1	5.07 5.	10.0 10.4	208 217.4	68 72	54.9 58	0.64 0.5	22 1	4.99 5.2	9.8 10	204 213.1	66 70.7
		75		63	54.9 5	0.86 0	23	4.94 5	9.8	199 2	63	54.1 5	0.82 0	25	4.91 5	9.7	197 2	62	51.4 5	0.79 0	56	4.83 4	9.6	193 2	61
				29	53.7	0.92	24	4.84	9.6	185	29	52.9	0.88	56	4.81	9.5	183	28	50.3	0.84 (	27	4.73	9.3	180	22
۵.				71	64.2	9.0	16	4.6	9.7	195.1	8.89	63.2	9.0	17	4.6	9.6	193.7	68.3	0.09	9.0	18	4.5	9.5	189.9	0.79
7-00-0		65		29	0.09	0.67	20	4.49	9.4	187	92	59.1	0.65	21	4.46	9.3	186	64	56.2	0.62	22	4.39	9.5	182	63
' / A60				63	56.2	0.83	23	7	9.1	177	29	55.3	0.79	24	4.33	9.0	176	29	52.6	0.76	22	4.26	8.9	172	28
.60-5				29	υ 25.0	. 0.88	24	4.26	8.9	ح 165	R 56	54.2	. 0.85	56	4.24	8.9	ح 163	R 55	151.5	0.81	56	4.17	8.7	160	R 54
CKF				W	MBh	L/S	DT		AMPS	Ξ	LO PR	MBh	ĽS/	DT	ΚW	AMPS	Ξ	LO PR	MBh	S/T	DT	KW	AMPS	Ξ	LO PR
MODEL: CKF60-5* / A60-00-2				Airflow				1844							1650							1456			
MO				IDB*											80										
						_			_						_					_					

																				C	,
47.4	8.0	18.4	7.9	14.2	387.5	88.9	46.7	0.7	19.4	7.9	14.1	384.8	88.3	44.4	0.7	20.0	7.8	13.9	377.1	86.5	
44.4	96.0	21	7.67	13.7	372	83	43.8	0.92	22	7.62	13.6	369	83	41.6	0.88	23	7.49	13.4	362	81	
42.4	1.00	21	7.41	13.3	352	92	41.8	1.00	23	7.37	13.2	349	92	39.7	96.0	25	7.24	13.0	342	74	
41.6	1.00	21	7.24	13.0	327	72	41.0	1.00	23	7.20	12.9	325	71	39.0	1.00	25	7.07	12.7	318	20	
48.8	8.0	18.8	7.8	14.0	378.1	88.3	48.1	0.7	19.8	7.7	13.9	375.4	87.7	45.7	0.7	20.4	9.7	13.7	6'.29	85.9	
45.8	0.95	22	7.50	13.5	362	83	45.1	0.91	23	7.46	13.4	360	82	42.8	0.87	24	7.33	13.2	353 (	81	
43.7	1.00	22	7.25	13.1	343	92	43.1	66.0	24	7.21	13.0	341	75	40.9	0.97	25	7.08	12.8	334	74	
42.9	1.00	21	7.09	12.8	319	71	42.2	1.00	24	7.04	12.7	317	71	40.1	0.99	25	6.92	12.5	310	69	
52.1	8.0	19.5	7.4	13.5	356.0	6.98	51.4	0.7	20.6	7.3	13.4	353.5	86.3	48.8	0.7	21.2	7.2	13.2	346.5	84.6	
48.9	0.93	23 1	7.11	13.1	341 3	82 8	48.2	0.89	24 2	7.07	13.0	339 3	81 8	45.8 4	0.85	25 2	6.95	12.8	332 3	3 62	
46.7 4	1.00 0	23	6.88 7	12.7 1	323 3	75	46.0 4	0.98 0	25	6.84 7	12.6 1	321 3	74	43.7 4	0.94 0	56	6.72 6	12.4 1	315 3	73	+fan)
45.8 4	1.00	23	6.72	12.4	300	20	45.1 4	1.00	25	6.68	12.3	298	20	42.9	0.97	56	6.57	12.1	292	89	AMPS=outdoor unit amps (comp.+fan
26.3	0.7	21	6.9	12.8	322.2	84.0	55.5	2.0	22	6.9	12.7	320.0	83.4	52.7	0.7	23	2.9	12.5	313.6	81.8	init amps
52.8	0.92	24	6.67	12.4	309	62	52.0	0.88	25	6.63	12.3	307	78	49.4	0.84	56	6.52	12.1	301	22	utdoor u
50.4	1.00	25	6.45	12.0	293	72	49.6	26.0	27	6.41	11.9	291	72	47.2	0.93	28	6.30	11.7	285	20	MPS=0
49.4	1.00	22	6.31	11.7	272	89	48.7	1.00	27	6.27	11.7	270	29	46.3	26.0	28	6.16	11.5	265	99	_
59.3	0.7	21	6.4	12.1	286.4	80.2	58.4	0.7	22	6.4	12.0	284.4	79.6	55.5	0.7	23	6.3	11.8	278.7	78.0	
55.5	0.88	24	6.19	11.7	275	75	54.7	0.85	56	6.15	11.6	273	75	52.0	0.81	27	6.05	11.4	267	73	
53.0	96.0	56	5.99	11.3	260	69	52.3	0.94	27	5.95	11.2	258	89	49.6	06'0	28	5.85	11.1	253	29	reKW=Total system power
52.0	1.00	56	5.86	11.1	242	92	51.3	0.97	28	5.82	11.0	240	64	48.7	0.93	59	5.72	10.8	235	63	syster
2.09	0.7	21	5.9	11.3	251.5	76.3	59.8	0.7	22	5.8	11.3	249.7	75.8	6.95	9.0	23	2.5	11.1	244.7	74.3	W=Tota
56.9	0.86	24	99'9	11.0	241	72	56.1	0.82	56	5.63	10.9	239	71	53.3	0.79	56	5.53	10.7	235	20	_
54.4	0.95	56	5.48	10.6	228	99	53.6	0.91	27	5.45	10.6	227	9	50.9	0.87	28	5.36	10.4	222	64	o Tempe
53.3	0.98	56	5.36	10.4	212	62	52.5	0.94	28	5.33	10.3	211	61	49.9	06.0	28	5.24	10.2	206	09	IDB: Entering Indoor Dry Bulb Temperate
62.2	0.7	21	5.3	10.5	221.1	73.4	61.3	9.0	22	5.3	10.4	219.6	72.9	58.2	9.0	23	5.2	10.3	215.2	71.5	hdoor
58.3	0.84	24	5.14	10.2	212	69	57.5	0.80	26	5.11	10.1	211	89	54.6	0.77	26	5.03	6.6	206	29	interina
55.7	0.93	26	4.98	6.6	201	63	54.9	0.89	27	4.95	9.8	199	63	52.1	0.85	28	4.87	9.6	195	61	IDB: E
54.6	96.0	26	4.87	9.6	187	29	53.8	0.92	28	4.85	9.6	185	29	51.1	0.88	28	4.77	9.4	3 182	28	
63.7	0.7	21	4.7	9.8	197.1	69.5	62.8	9.0	22	4.6	9.7	195.7	69.0	9.69	9.0	23	4.6	9.6	191.8	9.79	
269.7	0.81	24	4.52	9.4	189	92	58.8	0.77	25	4.50	9.4	188	92	55.9	0.74	26	4.43	9.5	184	64	<b>.</b>
0.73	98.0	52	4.39	9.5	179	09	56.2	98'0	27	4.36	9.1	178	26	53.4	0.82	28	4.29	9.0	174	28	nditions
6.55	0.93	26	4.29	S 9.0	166	R 56	55.1	0.89	27	4.27	8.9	165	R 56	52.3	0.85	28	4.20	8.8	162	R 55	ating Co
MBh	L/S	ᆸ	Š	AMPS	Ξ	LO PR	MBh	L/S L/S	Ы	Š	AMPS	Ξ	LO PR	MBh	L/S	Ы	Š	AMPS	Ξ	LO PR	AHRI R
			1844							1650							1456				Shaded area is AHRI Rating Conditions
										82											haded
_																					

Shaded area is AHRI Rating Conditions IDB: Entering Indoor Dry Bulb TemperatureKW=Total system pow er High and low pressures are measured at the liquid and suction service valves.

### COOLING PERFORMANCE DATA

## **EXPANDED PERFORMANCE DATA**

Same   Caracia	MOD	MODEL: CKF70-5* / A60-00-2	KF70	1-5* / A	7-09\	0-5																							O	100;	COOLING OPERATION	PER.	ATIOI	7
Miles   Sign			_										Outc	loor An	bient	Tempe	rature																	
Main					65°F		_		75°F				85°F			]"	15°F			105	3°F			115	ш	$\vdash$		118℃		-		125°F	ļ	
Mile			_									Ente		oor We	t Bulb	Tempe	rature																	
MRH   589   611   663   663   663   663   665   682   682   682   682   681   681   681   681   681   681   682   681   681   681   681   681   681   682   682   682   682   682   682   682   682   682   682   683   684   682   682   682   683   684   682   683   684   682   683   684   682   683   684   682   683   684   682   683   684   682   683   684   682   683   684   683   684   683   684   683   684   683   684   683   684   683   684		lirflow		$\vdash$	H		H	Н	Н				Н		29	Н	29	71	29	63	29	71	29	Н	Н	Н	H	H		71	29	63	29	71
STT 088 057 039 - 071 059 041 - 072 060 042 - 076 043 - 077 066 045 - 078 065 045 - 080 067 046 - 0  1844 KW 466 475 490 - 280 540 5 - 0.28 540 540 5 - 0.28 540 540 5 - 0.28 540 540 5 - 0.28 540 5 - 0			_			- 6.9	57.5			3	.99			-	54.8			٠	52.1	54.0	59.1				4.8	- 4			51.3	-	43.8 4	45.4 4	49.8	
May   465   475   430		<u> </u>													0.75		0.43		0.77	0.65	0.45				.45				0.46		0.81	0.68	0.47	
HAM   KW   465 475 490   528 540 677   581 594 613   613 649 670   683 699 722   728 745 771   768 785 813   769 8		<u> </u>	Ы			13 -	20				20				20	18	13		20	17	13		19	16	12	-			12	-	18	15	12	
AMPS         11.0         11.3         11.6         11.8         12.0         12.6         12.8         13.2         13.2         14.0 <th< th=""><th></th><td></td><td></td><td></td><td></td><td>- 06'1</td><td>5.28</td><td></td><td></td><td>- 2</td><td>5.8</td><td></td><td></td><td></td><td>6.34</td><td></td><td>6.70</td><td></td><td>6.83</td><td>6.99</td><td>7.22</td><td>-</td><td></td><td></td><td>.71</td><td><u> -                                   </u></td><td></td><td></td><td>3.13</td><td></td><td>7.84 8</td><td>8.03</td><td>8.31</td><td></td></th<>						- 06'1	5.28			- 2	5.8				6.34		6.70		6.83	6.99	7.22	-			.71	<u> -                                   </u>			3.13		7.84 8	8.03	8.31	
HHR 168 181 191 - 1 89 203 215 - 2 15 231 244 - 245 264 278 - 5 62 6313 - 5 64 28 348 367 - 2 10 PR 168 181 191 - 1 89 203 215 - 2 15 231 244 - 2 15 26 264 278 - 2 15 2 2 5 6 17 2 2 1		ן∢					П				П				13.3			-	14.0	14.3	14.7				5.5	H			16.0	Н	15.4 1	15.7 1	16.2	
LOPR   52   55   60		<u> </u>	H PR			191	186	ı		-	21;			ŀ	245		278	-	276	296	313		304		346	,			367	Ë	331	357	377	
MBh         58.0         66.2         66.3         67.4         62.8         6.4         6.0         61.0         61.3         53.2         58.2         74.5         62.9         67.4         62.8         67.4         67		_	O PR			- 09	54			•	25				29	63	69		62	99	72	-	64		75	_			92		99	20	22	
ST   0.65   0.54   0.38   0.68   0.56   0.39   0.69   0.58   0.40   0.51   0.60   0.41   0.01   0.61   0.42   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.43   0.75   0.62   0.45   0.62   0.45   0.45   0.62   0.45   0.45   0.65   0.44   0.75   0.62   0.45   0.45   0.65   0.44   0.75   0.62   0.45   0.45   0.65   0.44   0.75   0.45   0.65   0.44   0.75   0.45   0.		Ē	-			- 6.3	26.7			†	22.			-	54.0			١	51.3	53.2	58.2				3.9	- 4		_	50.5	-	43.2 4	44.8 4	49.0	
May   4.53   4.84   4.5   5.25   5.37   5.54   5.5			Н			.38	9.0			- 6	9.0			- (	0.71		0.41	-	0.74	0.62	0.43	-			.43	ე -			7.44		0.78	0.65 (	0.45	
Horaco   KW   4.63   4.73   4.87   5.55   5.37   5.54   5.55   5.57   5.50   6.10   6.31   6.45   6.66   6.75   6.35   7.18			Ы								21				21	19	14	٠	21	18	14		20		13				13		19	16	12	
AMPS         11.0         11.5 <th< th=""><th>2</th><td></td><td>Н</td><td></td><td></td><td>- 281</td><td>5.25</td><td></td><td></td><td>+</td><td>5.7</td><td></td><td></td><td>-</td><td>6.31</td><td></td><td>99'9</td><td></td><td>6.79</td><td>6.95</td><td>7.18</td><td></td><td></td><td></td><td>.66</td><td><u> </u></td><td></td><td></td><td>3.08</td><td>-</td><td>7.80 7</td><td>3 86.7</td><td>8.26</td><td></td></th<>	2		Н			- 281	5.25			+	5.7			-	6.31		99'9		6.79	6.95	7.18				.66	<u> </u>			3.08	-	7.80 7	3 86.7	8.26	
HIPR 167 180 190 - 1 88 202 213 - 2 14 230 243 - 2 15 2 2 2 76 - 2 24 29 311 - 3 02 325 344 - 3 21 345 365 - 3 6		⋖	_			1.5	11.			3 -	12.				13.2			٠	13.9	14.2	14.6				5.4	-			15.9	-	15.3 1	15.6 1	16.1	,
LOPR         51         59         59         63         69         72         64         68         74         6         69         76         79           MBh         55.1         57.1         62.6         6         53.9         63         69         6         72         6         6         72         6         6         72         6         6         72         6         6         72         6         72         6         72         6         72         6         72         6         72         72         72         72         73         72         73         72         73         72         73         73         73         73         73         73         73         73         73         73         73         74         73         73         74         73         74		<u> </u>													243		276	٠	274	294	311				344				365		329	354	374	
MEH         56.1         57.1         62.6         5.2         63.9         63.6         61.2         63.9         64.0         65.1         67.1         62.6         63.9         63.6         61.2         63.6         61.2         63.6         61.2         63.6         61.2         63.6         63.7         63.6         63.7         63.6         63.7         63.6         63.7         63.6         63.7         63.6         63.7         63.6         63.7         63.6         63.7         63.6         63.7         63.6         63.7         63.6         63.7         63.7         63.6         63.7         6		7	O PR			- 69	54			•	56			٠	29	63	69		62	99	72	-	64		74	-			92		99	20	92	
ST 6.62 0.52 0.36 - 0.65 0.54 0.37 - 0.66 0.55 0.38 - 0.68 0.57 0.40 - 0.71 0.59 0.41 - 0.72 0.60 0.41 - 0.74 0.61 0.43 - 0.83 - 0.84 0.44 0.44 0.44 0.44 0.44 0.44 0.44						.2.6	53.6				52.			- ,	51.3		58.2	-	48.7	50.5	55.3	-			11.3	- 4			18.0	-	41.0 4	42.5 4	46.6	
DT         22         19         14         2         19         14         2         14         3         2         19         14         2         19         14         2         19         14         2         19         14         2         19         14         15         18         13         1         13         1         13         1         13         1         13         1         13         1 </th <th></th> <td></td> <td></td> <td></td> <td></td> <td>.36</td> <td>0.6</td> <td></td> <td></td> <td>- 2</td> <td>9.0</td> <td></td> <td></td> <td>-</td> <td>0.68</td> <td></td> <td>0.40</td> <td>٠</td> <td>0.71</td> <td>0.59</td> <td>0.41</td> <td></td> <td></td> <td></td> <td>141</td> <td>٠ -</td> <td></td> <td></td> <td>7.43</td> <td>-</td> <td>0.74 0</td> <td>0.62 C</td> <td>0.43</td> <td></td>						.36	0.6			- 2	9.0			-	0.68		0.40	٠	0.71	0.59	0.41				141	٠ -			7.43	-	0.74 0	0.62 C	0.43	
KW         4.56         4.65         4.69         6.7         6.29         6.34         6.55         6.67         6.83         7.06         7.11         7.28         7.53         7.50         7.57         7.33         7.53         7.57         7.53         7.57         7.53         7.53         7.57         7.53         7.53         7.53         7.53         7.50         7.53         7.			Ы			+1	22			•	22			•	22	19	15	•	22	19	14	-	20		13				13		19	17	13	
10.8 11.0 11.3 - 11.5 11.8 12.1 - 12.3 12.6 12.9 - 13.0 13.3 13.7 - 13.7 14.0 14.4 - 14.4 14.7 15.1 - 14.9 15.2 15.6 - 164 176 186 - 184 198 209 - 209 225 238 - 238 256 271 - 268 289 305 - 296 319 337 - 315 339 357 - 50 53 58 - 53 56 62 - 55 59 64 - 58 62 67 - 61 65 70 - 63 67 73 - 64 68 74 -						- 087	5.1.				5.6			- (	6.20		6.55	•	6.67	6.83	7.06	-			.53				7.93		7.66 7	7.84 8	8.11	
164 176 186 - 184 198 209 - 209 225 238 - 238 256 271 - 268 289 305 - 296 319 337 - 315 339 357 - 50 53 58 - 53 56 62 - 55 59 64 - 58 62 67 - 61 65 70 - 63 67 73 - 64 68 74 -		¥				1.3	11.5			- 1	12.			- (	13.0			•	13.7	14.0	14.4	-			5.1	١ -			15.6		15.1 1	15.4 1	15.8	
50 53 58 -   53 56 62 -   55 59 64 -   58 62 67 -   61 65 70 -   63 67 73 -   64 68 74 -		_				186 -	184			- (	20			-	238		271		268	289	305	-	296		337	-			357	-	322	347	366	
		_	LO PR	50 5	23	- 28	53		3 62		5£		9 64	•	28	62	29	•	61	99	20		63	29	73		64	. 89	74		64	89	75	

																			•		n
53.3	0.4	10.7	8.7	16.8	396.7	82.4	52.5	0.4	11.3	9.8	16.7	394.0	81.8	49.9	0.4	11.6	8.5	16.5	386.1	80.2	
49.7	0.62	15	8:38	16.3	380	2.2	48.9	09.0	16	8.33	16.2	378	22	46.5	0.57	17	8.18	15.9	370	22	
45.9	0.83	19	8.10	15.8	360	71	45.2	0.79	20	8.05	15.8	358	20	43.0	92'0	21	7.91	15.5	351	69	
44.6	0.92	21	7.91	15.5	332	29	43.9	0.88	22	78.7	15.4	332	99	41.7	0.85	22	7.73	15.2	326	65	
54.9	0.4	10.9	8.5	16.6	387.1	81.9	54.1	0.4	11.5	8.4	16.5	384.4	81.3	51.4	0.4	11.8	8.3	16.3	376.7	79.7	
51.2	0.62	16	8.20	16.1	371	77	50.4	0.59	17	8.15	16.0	369	92	47.9	0.57	17	8.01	15.7	361	75	
47.3	0.82	19	7.92	15.6	351	20	46.6	0.78	20	7.88	15.5	349	20	44.2	0.75	21	7.74	15.3	342	69	
45.9	0.91	21	7.74	15.3	327	99	45.2	0.87	22	7.70	15.2	324	99	43.0	0.84	23	7.56	15.0	318	64	
28.7	0.4	11.3	8.0	16.1	364.5	9.08	8.73	0.4	11.9	8.0	16.0	361.9	80.0	54.9	0.4	12.3	6.7	15.8	354.7	78.4	
54.6	09.0	16	7.77	15.6	349	92	53.8	0.58	17	7.73	15.5	347	75	51.1	0.55	18	7.59	15.3	340	74	
50.5	0.79	20	7.52	15.2	331	69	49.7	92'0	21	7.47	15.1	329	69	47.3	0.73	22	7.34	14.8	322	29	o.+fan)
49.0	0.89	22	7.35	14.8	308	65	48.3	0.85	23	7.30	14.8	305	92	45.9	0.81	24	7.18	14.5	588	63	tuoo) s
63.3	0.4	12	7.5	15.3	329.9	6.77	62.4	0.4	13	7.5	15.2	327.6	77.3	59.3	0.4	13	7.4	15.0	321.0	75.8	A MPS=outdoor unit amps (comp.+fan
29.0	09.0	18	7.29	14.8	316	73	58.1	0.57	18	7.24	14.8	314	73	55.2	0.55	19	7.12	14.5	308	71	outdoor
54.5	0.79	21	7.05	14.4	300	29	53.7	0.75	23	7.01	14.3	297	29	51.0	0.72	23	6.89	14.1	291	92	AMPS=C
52.9	0.88	23	68.9	14.1	278	63	52.2	0.84	54	6.85	14.1	276	63	49.5	0.81	52	6.73	13.8	271	19	
2.99	0.4	12	7.0	14.5	293.2	74.3	65.7	0.4	13	7.0	14.4	291.2	73.8	62.4	0.3	13	8.9	14.2	285.4	72.3	
62.1	0.57	18	92'9	14.1	281	20	61.2	0.55	19	6.72	14.0	279	69	58.1	0.53	19	6.61	13.8	274	89	
57.4	92.0	22	6.54	13.7	592	64	56.5	0.73	23	6.50	13.6	264	63	53.7	0.70	24	6.39	13.4	259	62	KW=Total system pow er
2.29	0.85	24	6.40	13.4	247	09	54.9	0.81	52	98'9	13.3	246	09	52.2	82.0	56	6.25	13.1	241	89	al syster
68.3	0.4	12	6.4	13.7	257.4	70.8	67.3	0.3	13	6.4	13.6	255.7	70.3	63.9	0.3	13	6.2	13.4	250.5	689	:W=Tota
63.7	0.56	18	6.18	13.3	247	99	62.7	0.53	19	6.15	13.2	245	99	9.69	0.51	19	6.04	13.0	240	92	:ure
58.8	0.74	22	66.5	12.9	234	61	67.9	0.70	23	5.95	12.9	232	09	22.0	29.0	23	5.85	12.7	227	69	IDB: Entering Indoor Dry Bulb Temperat
57.1	0.82	23	98'9	12.7	217	29	26.3	62.0	52	5.82	12.6	216	25	53.5	0.75	52	5.73	12.4	211	99	ry Bulb
70.0	0.3	12	2.8	12.8	226.4	68.1	68.9	0.3	13	2.8	12.7	224.8	67.6	65.5	0.3	13	2.2	12.5	220.3	66.3	ndoor Di
65.2	0.54	18	5.62	12.4	217	64	64.2	0.52	19	5.59	12.3	216	63	61.0	0.50	19	5.49	12.2	211	62	ltering l
60.2	0.72	22	5.44	12.1	206	29	59.4	69.0	23	5.41	12.0	204	28	56.4	99.0	23	5.32	11.8	200	25	IDB: Er
58.5	0.80	23	5.33	11.9	191	22	9'29	0.77	22	5.29	11.8	190	22	54.8	0.74	22	5.21	11.6	186	24	
66.8 71.6	0.3	12	5.1	12.0	201.7	64.4	9.02	0.3	13	5.1	11.9	200.3	64.0	67.1	0.3	13	2.0	11.8	196.3	62.7	
8.99	0.52	17	4.94	11.6	193	61	65.8	0.50	18	4.91	11.6	192	09	62.5	0.48	19	4.83	11.4	188	69	SI
59.9 61.7	69'0 2	21	9 4.79	1 11.3	0 183	22	8.09 0	4 0.66	. 22	7 4.76	1 11.3	9 182	22	1 57.7	1 0.63	23	9 4.69	11.1	5 178	54	Shaded area is ACCA (TVA) conditions
h 59.9	L 0.77	. 23	4.69	N 11.1	170	8 25	h 59.0	F 0.74	. 24	4.67	N 11.1	169 R	8 25	h 56.1	L 0.71	. 25	4.59	S 10.9	166	가 21	(TVA)
MBh	ß	Ы	K	AMPS	HPR	LOPR	MBh	S/T	Ы	ΚW	AMPS	ΗPR	LO PR	MBh	S/T	Ы	ΚW	AMPS	HPR	LO PR	ACCA
			1844							1650							1456				l area is
										75											Shadec
																					-

MODEL: CKF70-5\* / A60-00-2

IN		3		P	E		R	F	=(		F	8	V	1	A		1	C	E			)	Δ	\]	<u> </u>
N				71	52.9	9.0	15.2	8.8	17.0	400.7	83.3	52.2	9.0	16.1	8.7	16.9	398.0	82.7	49.6	0.5	16.6	8.5	16.6	390.0	81.0
RATIC		₽		29	49.5	0.77	19	8.46	16.4	384	28	48.8	0.74	20	8.40	16.3	382	28	46.4	0.71	21	8.26	16.1	374	9/
OPE		125°F		63	46.4	0.95	22	8.17	16.0	364	72	45.7	0.91	23	8.12	15.9	361	71	43.4	0.87	24	7.98	15.6	354	20
-ING				29	45.4	1.00	23	7.98	15.6	338	29	44.7	0.97	24	7.94	15.5	336	29	42.5	0.93	22	7.80	15.3	329	99
COOLING OPERATION				7.1	54.5	9.0	15.5	9.8	16.8	391.0	82.7	53.7	0.5	16.3	8.5	16.7	388.2	82.1	51.0	0.5	16.9	8.4	16.4	380.5	80.5
		٠.		29	51.0	92.0	19	8.27	16.2	375	78	50.3	0.73	20	8.22	16.1	372	77	47.8	0.70	21	8.08	15.9	365	92
		118°F		53	47.8	0.94	22	7.99	15.8	322	71	47.0	0.90	24	7.95	15.7	323	71	44.7	98.0	24	7.81	15.4	345	69
				29	46.7	66.0	23	7.81	15.4	330	29	46.0	96.0	22	7.77	15.3	328	99	43.7	0.92	22	2.63	15.1	321	92
				7.1	58.2	9.0	16.1	8.1	16.2	368.2	81.4	57.4	0.5	17.0	8.1	16.1	365.6	80.8	54.5	0.5	18	6.7	15.9	358.3	79.2
		115		29	54.5	0.74	20	7.84	15.7	353	92	53.7	0.71	21	7.80	15.6	351	92	51.0	89.0	22	99'2	15.4	344	74
		11		63	51.0	0.91	23	7.58	15.3	334	20	50.2	0.87	24	7.54	15.2	332	20	47.7	0.84	25	7.40	14.9	325	89
				29	49.9	0.97	24	7.41	15.0	311	99	49.2	0.93	56	7.37	14.9	308	65	46.7	0.89	56	7.24	14.6	302	64
				71	62.9	9.0	17	9.7	15.4	333.2	78.7	61.9	0.5	18	7.6	15.4	330.9	78.1	58.9	0.5	19	7.4	15.1	324.3	76.6
		105		29	58.8	0.74	22	7.35	15.0	319	74	0.85	0.71	23	7.31	14.9	317	73	55.1	89.0	23	7.18	14.6	311	72
				63	9 55.1	7 0.91	3 25	5 7.11	2 14.5	1 303	89 1	1 54.2	2 0.87	, 26	1 7.07	2 14.5	008 6	3 67	4 51.5	9 0.83	3 27	6.95	9 14.2	4 294	99 7
				1 59	.2 53.9	5 0.97	3 26	1 6.95	.6 14.2	.2 281	.1 64	.2 53.1	5 0.92	3 27	0 6.91	.6 14.2	1.1 279	.6 63	9 50.4	2 0.89	9 28	6.79	.3 13.9	3.2 274	.1 62
	•			71	9 66.2	1 0.5	18	2 7.1	2 14.6	736.2	75.1	0 65.2	3 0.5	18	3 7.0	14.6	294.1	74.6	0.19	5 0.5	19	9 6.9	9 14.3	3 288.2	73.1
	erature	92	<b>Bulb Temperature</b>	29	0.19	7 0.71	22	) 6.82	3 14.2	9 284	20	0.19	4 0.68	23	92.9	14.1	282	70	.2 58.0	9.00	24	99'9 9	5 13.9	276	69
	t Temp		o Temp	9 63	.7 58.0	3 0.87	5 25	15 6.60	.5 13.8	0 269	1 65	.9 57.1	39 0.84	8 27	11 6.56	.4 13.7	8 267	0 64	54	35 0.80	9 27	31 6.45	.2 13.5	.3 262	63
	tdoor Ambient Temperature		Vet Bull	71 59	67.8 56.7	0.5 0.93	17 26	6.4 6.45	13.8 13.5	260.1 250	71.5 61	66.8 55.9	0.5 0.89	18 28	6.4 6.41	13.7 13.4	258.2 248	71.0 60	3.5 53.1	0.5 0.85	19 29	6.3 6.31	13.5 13.2	253.1 243	69.6
	atdoor ,		ndoor Wet	27 7	2.	69	22 1	6.24 6		6	37 7	2		23 1		က	248 25	37 7′	9.4 63.		24 1		13.1 13	243 25	32 66
	no	85	Entering I	63 (	59.4 63	0.85 0.	25	6.04 6.	13.0 13.	236 2	61 6	58.5 62	0.81 0.	76 2		13.0 13.	234 2	61 (	55.6 59	0.78 0.	27	5.90 6.	12.8 1	230 2	9 09
			En	29	58.1 5	0.90	56		12.8 1	219 2	28	57.3 5	0.86 0	28	l.	12.7 1		25	54.4 5	0.83 0			12.5 1		26
				71	69.5	0.5	17	6.9	12.9	228.7	8.89	68.5	Н	18	5.8	12.8	227.1	68.3	65.0	0.5	19	5.7	12.6	222.5	6.99
				29	0.59	0.67	22	5.66	12.5	219 2	92	64.1	0.64	23	5.63	12.4	218 2	64	8.09	0.62	24	5.54	12.3	213 2	63
		75		63	6.09	0.82	22	5.49	12.2	208	69	0.09	6.79	56	5.45	12.1	206	29	92.0	92.0	27	5.37	11.9	202	28
				29	262	0.88	56	5.37	11.9	193	99	28.7	0.84	28	5.34	11.9	192	22	22.7	0.81	28	5.25	11.7	188	54
2				71	71.2	0.5	17	5.1	12.1	203.8	65.1	70.1	0.5	18	5.1	12.0	202.4	64.6	9.99	0.4	19	2.0	11.8	198.3	63.3
0-00-		65		29	9.99	90.0	21	4.98	11.7	195	61	9'59 1	0.62	23	ľ	11.7	194	61	62.3	0.59	23	4.87	11.5	190	29
*/ A6				63	0 62.3	5 0.80	3 25	3 4.83	2 11.4	2 185	3 56	1 61.4	1 0.76	, 26	0 4.80	2 11.4	1 184	5 56	1 58.3	8 0.73	3 27	3 4.73	0 11.2	7 180	54
F70-5				29	3h 61.0	T 0.85	T 26	Ή	AMPS 11.2	개 172	LO PR 53	3h 60.1	T 0.81	T 27	N 4.70	PS 11.2	HI PR 171	LOPR 52	3h 57.1	T 0.78	T 28	N 4.63	PS 11.0	78 167	PR 51
MODEL: CKF70-5* / A60-00-2				wo	MBh	S/T	Б	4 KW	ΑM	Η	ГО	MBh	S/T	Б	00 KW	AMPS	Ī	ГО	MBh	S/T	Б	99 WM	AMPS	HPR	LOPR
)DEL:				Airflow				1844							1650							1456			_
M				IDB*											8										

			_	_						_	_	-			_	_	_	_	-		
52.6	0.7	19.6	8.8	17.1	404.7	84.1	51.8	0.7	20.7	8.8	17.0	401.9	83.5	49.2	0.7	21.4	8.6	16.7	393.9	81.8	
49.3	0.92	23	8.53	16.6	388	26	48.6	0.88	24	8.48	16.5	385	78	46.1	0.85	22	8.33	16.2	378	22	
47.1	1.00	23	8.24	16.1	367	72	46.4	0.98	22	8.19	16.0	365	72	44.0	0.94	56	8.05	15.8	358	20	
46.2	1.00	23	8.06	15.8	341	89	45.5	1.00	25	8.01	15.7	339	89	43.2	26'0	22	78.7	15.4	332	99	
54.2	0.7	20.0	8.6	16.9	394.9	83.5	53.4	0.7	21.1	8.6	16.8	392.1	82.9	20.7	0.7	21.7	8.4	16.5	384.3	81.3	
8.03	0.91	23	8.34	16.4	379	78	20.0	0.87	24	8.29	16.3	376	78	47.5	0.84	22	8.15	16.0	368	92	
48.5	1.00	24	8.07	15.9	328	72	47.8	0.97	56	8.02	15.8	326	71	45.4	0.93	27	7.88	15.5	349	20	
47.5	1.00	24	7.88	15.6	333	89	46.8	66.0	56	7.83	15.5	331	29	44.5	96.0	27	7.70	15.2	324	99	
8.73	0.7	20.8	8.2	16.4	371.8	82.2	0.73	0.7	21.9	8.1	16.3	369.3	81.6	54.1	0.7	22.6	8.0	16.0	361.9	80.0	
54.2	68.0	24	7.91	15.8	357	77	53.4	0.85	25	7.86	15.8	354	77	50.7	0.82	56	7.73	15.5	347	75	
51.8	96.0	22	7.65	15.4	338	71	51.0	0.94	27	7.60	15.3	335	20	48.4	06.0	28	7.47	15.1	329	69	np.+fan)
20.8	1.00	22	7.47	15.1	314	99	20.0	0.98	27	7.43	15.0	312	99	47.5	0.94	28	7.30	14.8	305	92	uoo) sat
62.4	0.7	22	7.7	15.6	336.5	79.5	61.5	0.7	23	9.7	15.5	334.2	78.9	58.4	0.7	24	7.5	15.2	327.5	77.3	AMPS=outdoor unit amps (comp.+fan)
58.5	0.88	26	7.42	15.1	323	75	27.73	0.84	27	7.37	15.0	320	74	54.8	0.81	28	7.24	14.7	314	73	=outdoo
55.9	0.98	27	7.17	14.7	306	89	55.1	0.94	53	7.13	14.6	303	89	52.3	0.90	30	7.01	14.3	297	29	AMPS
54.8	1.00	27	7.01	14.4	284	64	54.0	0.97	53	6.97	14.3	282	64	51.3	0.93	30	6.85	14.1	276	63	
65.7	0.7	23	7.1	14.7	299.1	75.8	64.8	0.7	24	7.1	14.7	297.1	75.3	61.5	9.0	22	7.0	14.4	291.1	73.8	
61.6	0.85	56	6.88	14.3	287	71	2.09	0.81	28	6.84	14.2	285	71	57.7	0.78	28	6.72	14.0	279	69	Ŀ
58.8	0.94	28	6.65	13.9	272	65	58.0	06.0	59	6.62	13.8	270	92	55.1	98.0	30	6.50	13.6	264	63	KW=Total system pow er
27.7	0.98	28	6.51	13.6	252	61	56.9	0.93	30	6.47	13.5	251	61	54.0	0.89	31	98.9	13.3	246	09	alsyste
67.4	0.7	22	6.5	13.9	262.7	72.2	66.4	9.0	54	6.5	13.9	260.8	71.7	63.1	9.0	24	6.4	13.6	255.6	70.2	<w=tot< td=""></w=tot<>
63.1	0.82	56	6.29	13.5	252	89	62.2	0.79	27	6.25	13.4	250	29	59.1	0.75	28	6.15	13.2	245	99	ture
60.3	0.91	27	60.9	13.1	238	62	59.4	0.87	59	6.05	13.1	237	62	56.4	0.84	30	5.95	12.9	232	09	Temper
59.1	0.94	28	5.95	12.9	222	28	58.3	06'0	59	5.92	12.8	220	28	55.4	0.87	30	5.82	12.6	216	25	DB: Entering Indoor Dry Bulb Temperal
0.69	0.7	22	5.9	13.0	230.9	69.5	68.0	9.0	24	5.9	12.9	229.3	0.69	64.6	9.0	24	5.8	12.7	224.7	9'29	hdoor [
64.7	0.80	56	5.71	12.6	221	92	63.7	0.77	27	5.68	12.5	220	92	60.5	0.74	28	5.58	12.3	215	63	ntering
61.8	0.89	27	5.53	12.3	210	09	6.09	0.85	59	5.50	12.2	208	29	57.8	0.82	30	5.41	12.0	204	28	IDB: E
9.09	0.92	28	5.41	12.0	8 195	, 26	265	0.88	59	5.38	12.0	193	99	29.7	0.85	30	5.29	11.8	3 190	92	
7.07	9.0	22	5.2	12.2	205.8	65.7	9.69	9.0	23	5.2	12.1	204.4	65.3	66.1	9.0	24	5.1	11.9	200.3	64.0	
2.99	3 0.77	26	5.02	11.8	197	62	3 65.2	9.74	27	4.99	5 11.8	196	61	62.0	9 0.71	28	3 4.91	3 11.6	192	09	s
0 63.2	98'0 6	3 27	7 4.87	3 11.5	4 187	3 57	1 62.3	5 0.82	9 29	4 4.84	2 11.5	2 186	3 56	1 59.2	2 0.79	) 29	6 4.76	1 11.3	9 182	55	ondition
3h 62.0	T 0.89	T 28	N 4.77	PS 11.3	가 174	PR 53	3h 61.1	T 0.85	T 29	N 4.74	PS 11.2	개 172	PR 53	3h 58.1	T 0.82	T 30	N 4.66	PS 11.1	-R 169	PR 52	Shaded area is AHRI Rating Conditions
MBh	S/T	Б	4 KW	AMPS	ΗR	LOPR	MBh	S/T	Ь	Ϋ́	AMPS	ΗPR	LO PR	MBh	S/T	Б	KW KW	AMPS	ΗR	LOPR	s AHRIF
			1844							1650							1456				³d area i
										82											Shade

Shaded area is AHRI Rating Conditions IDB: Entering hotor Dry Bulb Temperature KW=Total system power High and low pressures are measured at the fiquid and suction service valves.

### **PERFORMANCE DATA**

### PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

- 1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (Delta T). Low and high side pressures and power will not change.
- 2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (Delta T). A slight decrease will occur in low and high side pressures and power.

A properly operating unit should be within plus or minus 2 **degrees** of the subcooling value shown in the installation instructions.

A properly operating unit should be within plus or minus 3 degrees of the typical (Delta T) value shown.

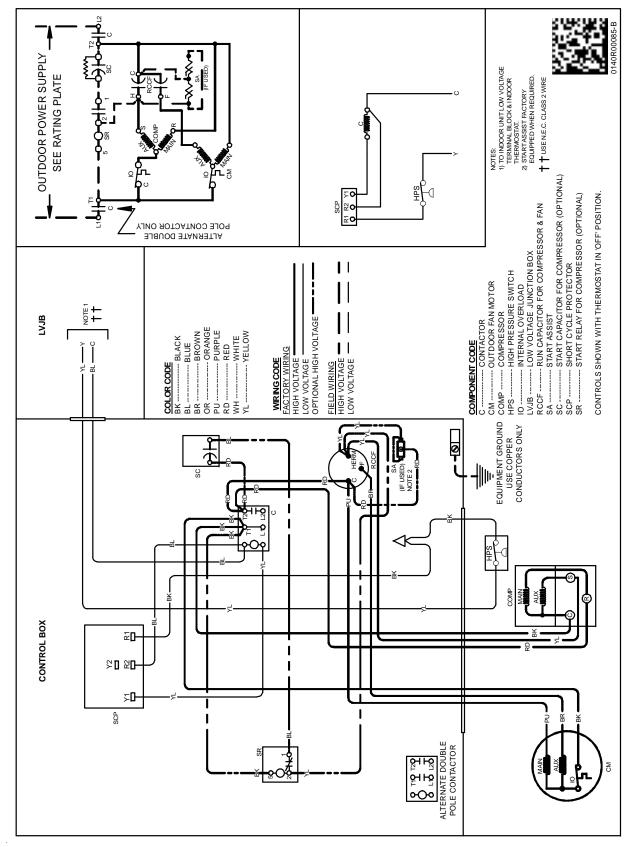
A properly operating unit should be within plus or minus 10 PSIG of the HI PR shown.

A properly operating unit should be within plus or minus **5 PSIG** of the **LO PR** shown.

A properly operating unit should be within plus or minus **3 Amps** of the typical value shown.



HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS
UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO
DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.





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